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24
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PLATES

OF

MEMOIR ON LIGHTING

OF THE

COAST OF FRANCE.

A. hydr. 24 V= - 2 Reynaud

2°

MEMOIR

ON LIGHTING, BEACONAGE AND BUOYAGE

OF THE COASTS OF FRANCE

PLATES.

Gesch. 691.

MEMOIR

UPON THE

LIGHTING, BEACONAGE, AND BUOYAGE

OF THE

COASTS OF FRANCE,

BY

M. LÉONCE REYNAUD,

INSPECTOR GENERAL OF BRIDGES AND ROADS, DIRECTOR OF THE LIGHTS, BEACONS, AND BUOY SERVICE, ETC.

PUBLISHED BY ORDER OF HIS EXCELLENCY M. ARMAND BÉHIC, MINISTER OF AGRICULTURE, COMMERCE, AND PUBLIC WORKS.

PLATES.

TRANSLATED FOR THE U. S. LIGHT-HOUSE BOARD

BY

REAR ADMIRAL THORNTON A. JENKINS, U. S. N.

WASHINGTON:
1871.

BIBLIOTHECA
REGIA
MONACENSIS

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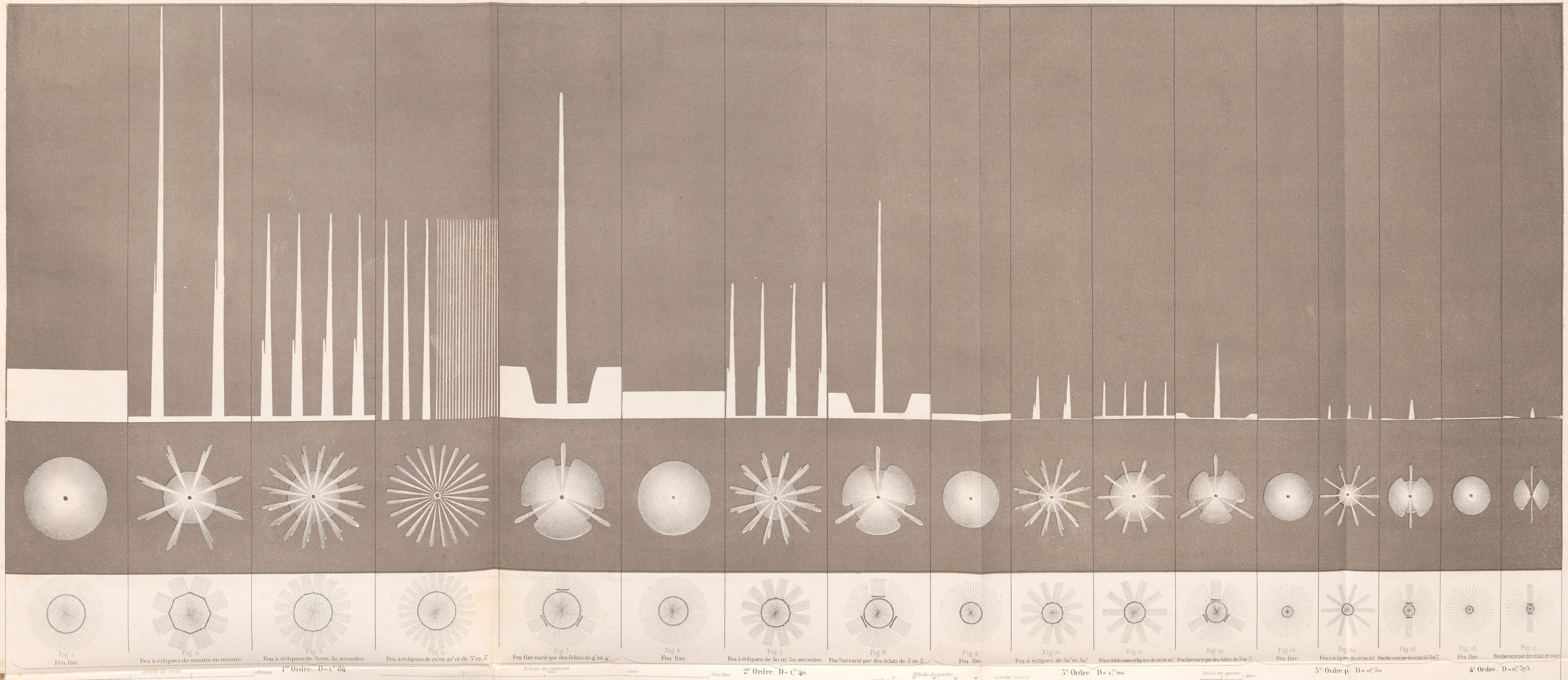


Fig 1. Feu fixe.

Fig 2. Feu à éclipses de minute en minute.

Fig 3. Feu à éclipses de 30 en 30 secondes.

Fig 4. Feu à éclipses de 20 en 20 et de 3 en 3.

Échelle des temps. 1 Minutes

1ère Ordre. D = 1,m 84

Fig 5. Feu fixe varié par des éclats de 4 en 4.

Fig 6. Feu fixe

Fig 7. Feu à éclipses de 30 en 30 secondes.

Fig 8. Feu fixe varié par des éclats de 3 en 3.

Échelle des intensités. 1000 2000 3000 Becs

2e Ordre. D = 1,m 40

Fig 9. Feu fixe.

Fig 10. Feu à éclipses de 30 en 30.

Fig 11. Feu à éclats sans éclipses de 20 en 20.

Fig 12. Feu fixe varié par des éclats de 3 en 3.

Échelle des portées. 10 20 30 Milles marins.

3e Ordre. D = 1,m 00

Fig 13. Feu fixe.

Fig 14. Feu à éclipses de 20 en 20.

Fig 15. Feu fixe varié par des éclats de 30 en 3.

Échelle des apparats. 1 Mètre

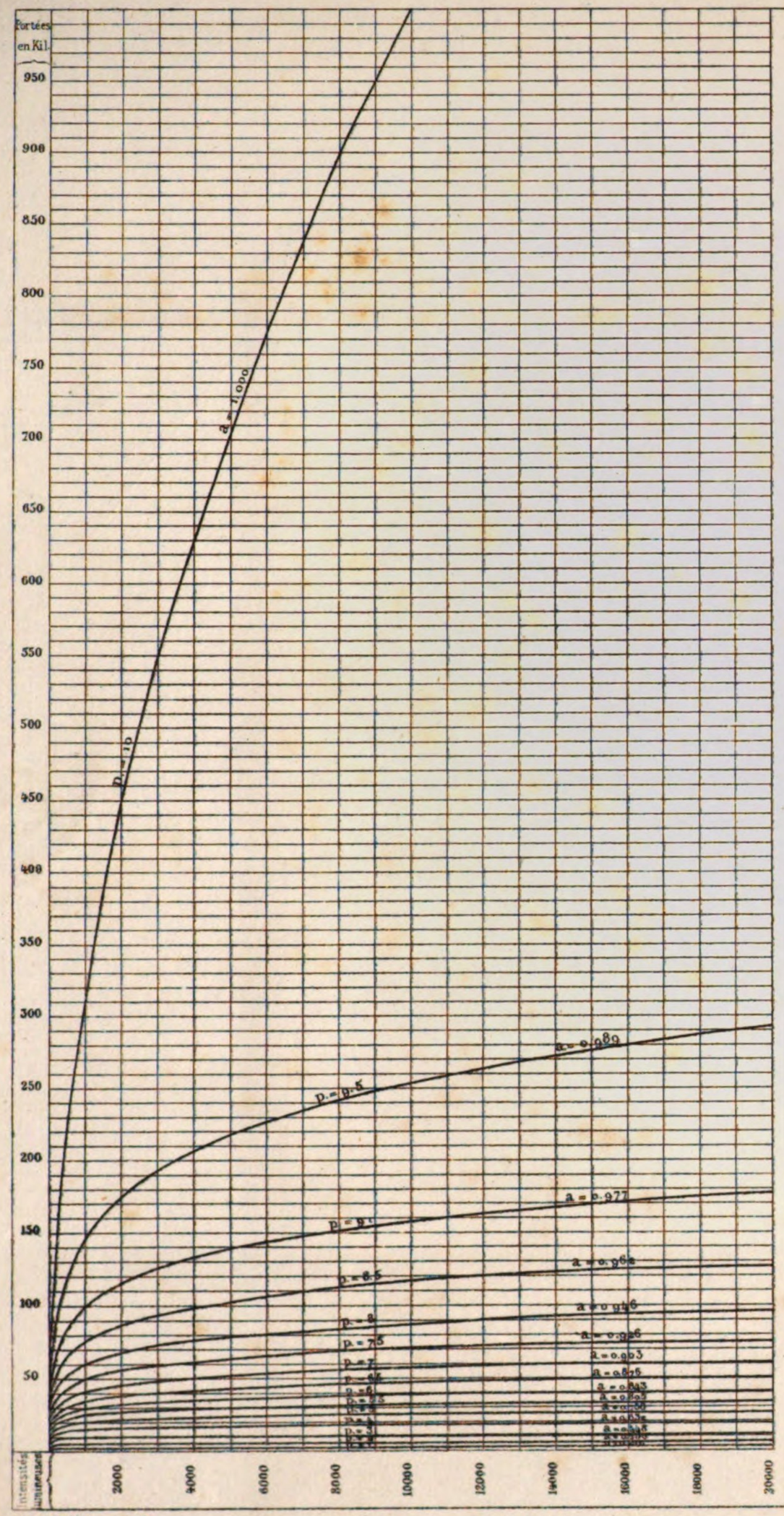
3e Ordre p. D = 0,m 50

Fig 16. Feu fixe.

Fig 17. Feu fixe varié par des éclats de 30 en 3.

4e Ordre. D = 0,m 375.

INTENSITÉS ET PORTÉES LUMINEUSES.



Edm Colin del.

Fig. 1.

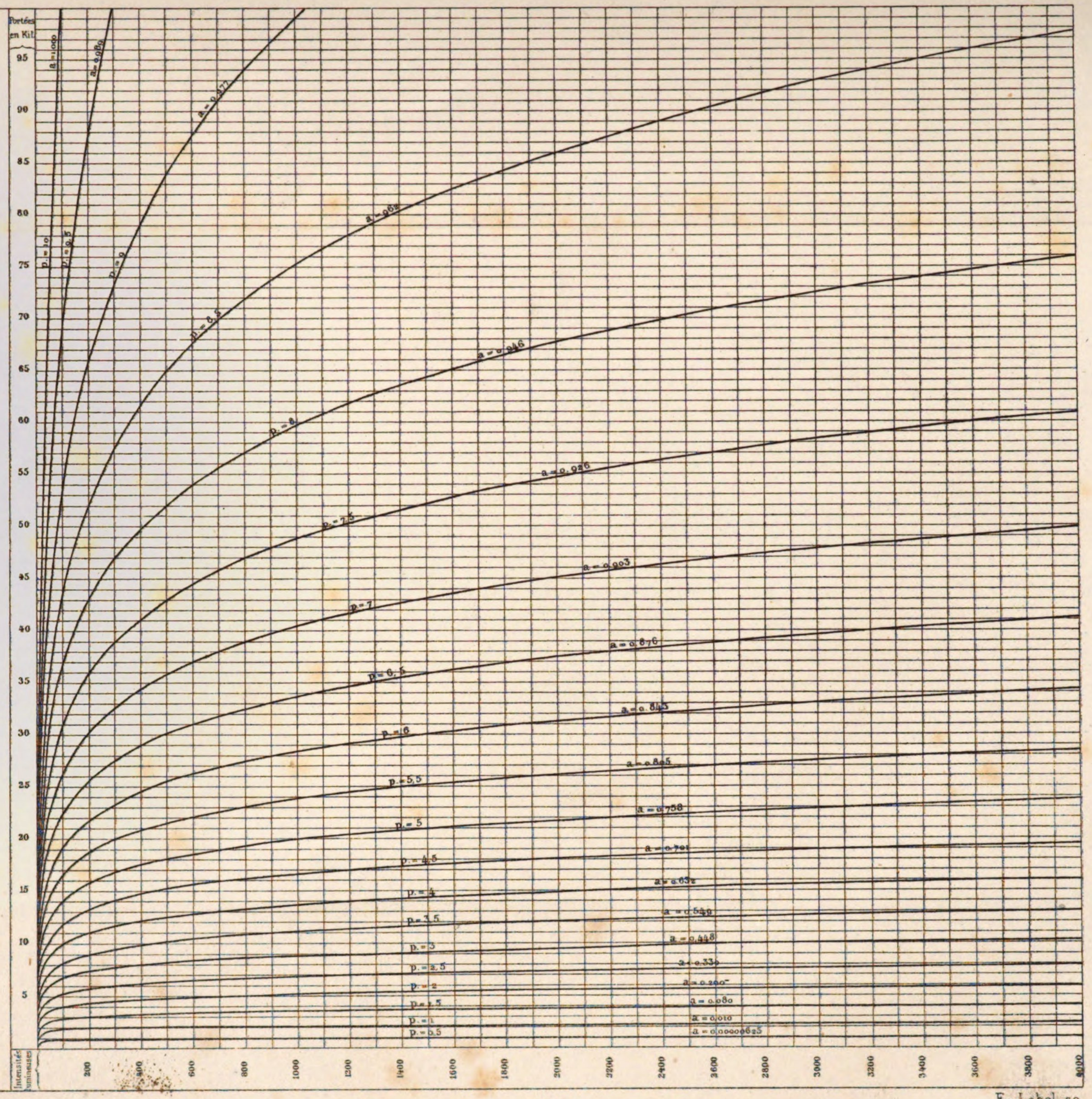


Fig. 2.

E. Lebel sc.

COURBES DES PORTÉES LUMINEUSES.

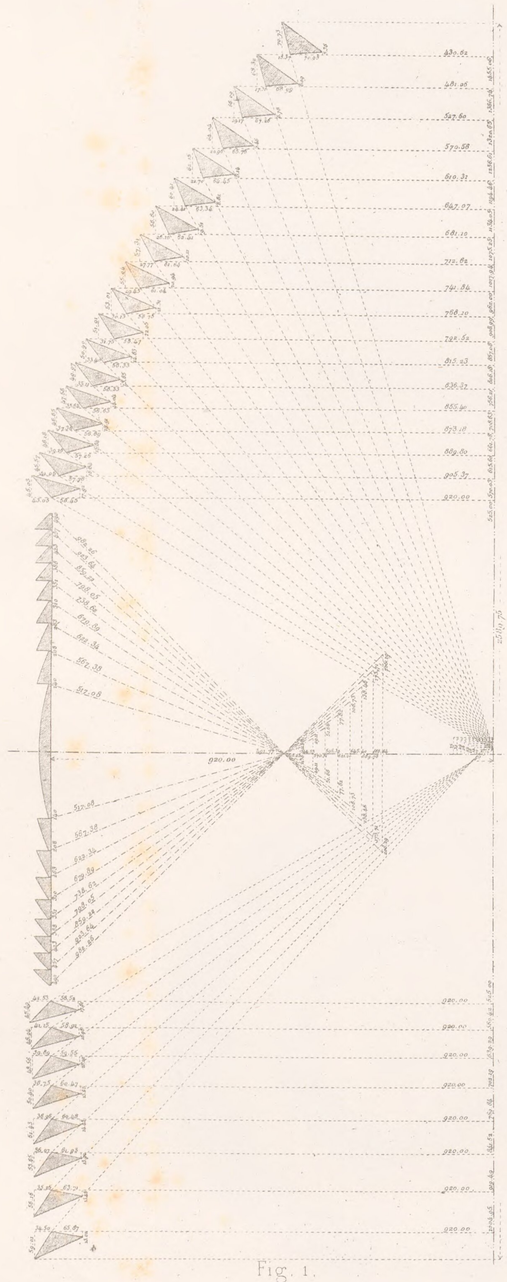


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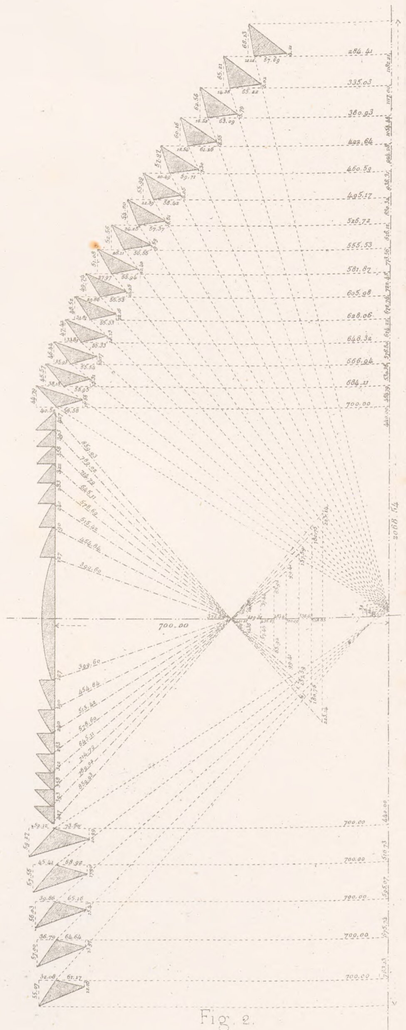


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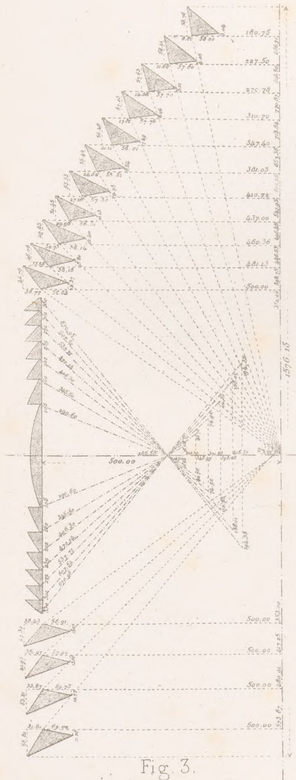


Fig. 3.



Fig. 7.



Fig. 6.

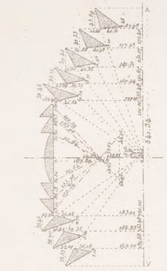


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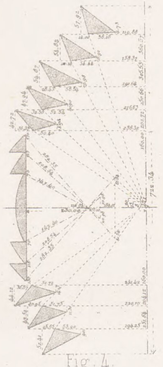


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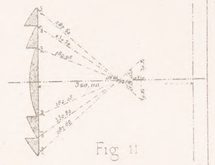


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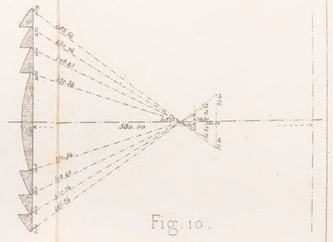


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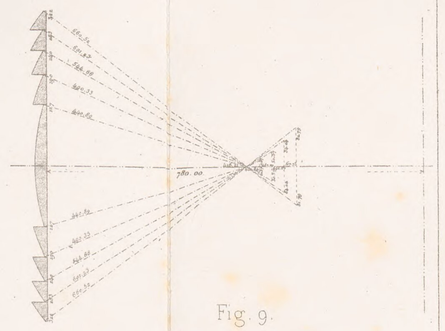


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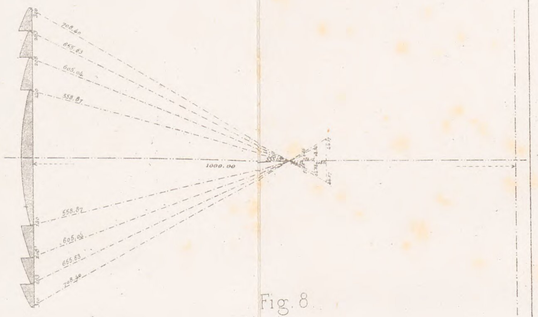


Fig. 8.



Edm Colin del.

E. Lebel sc.

PROFILS D'APPAREILS.

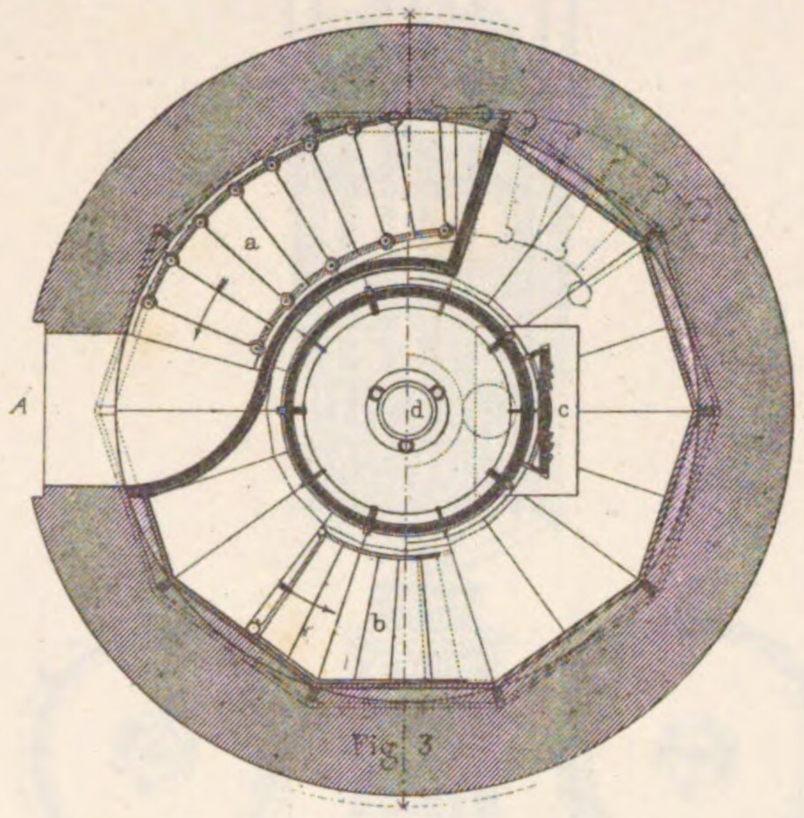


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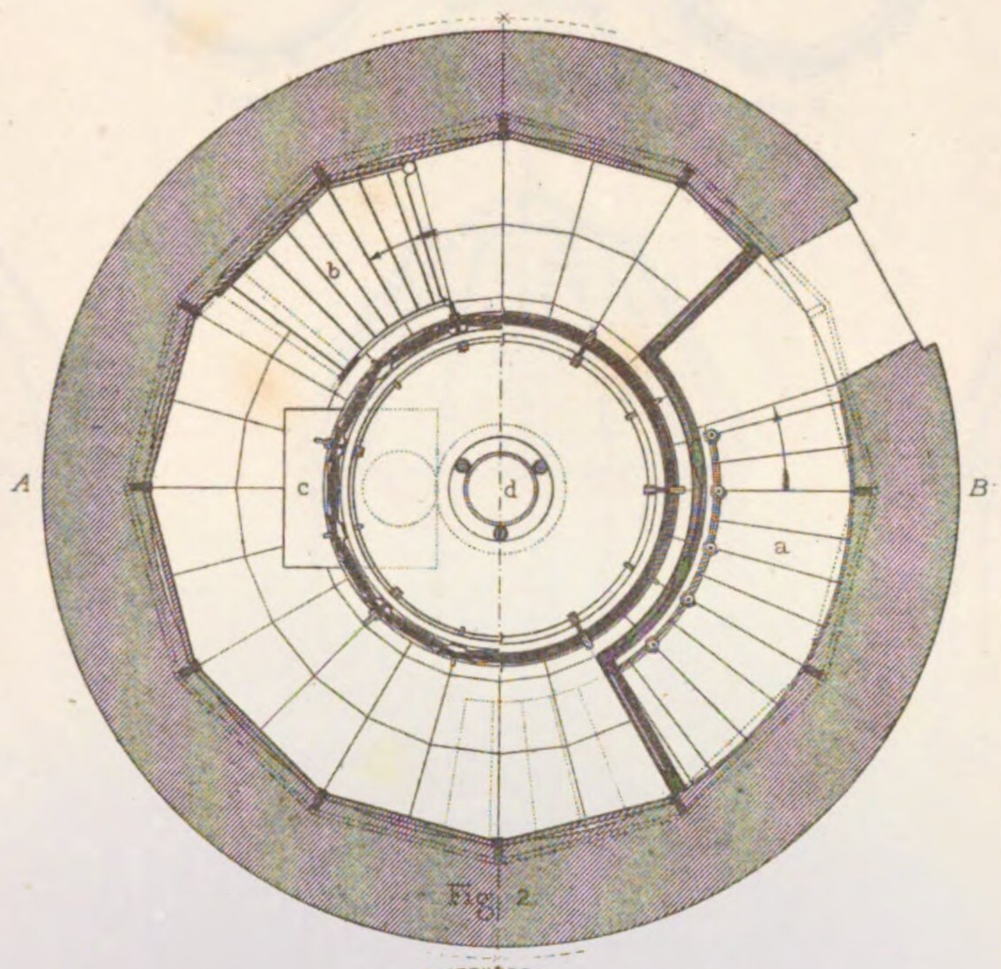


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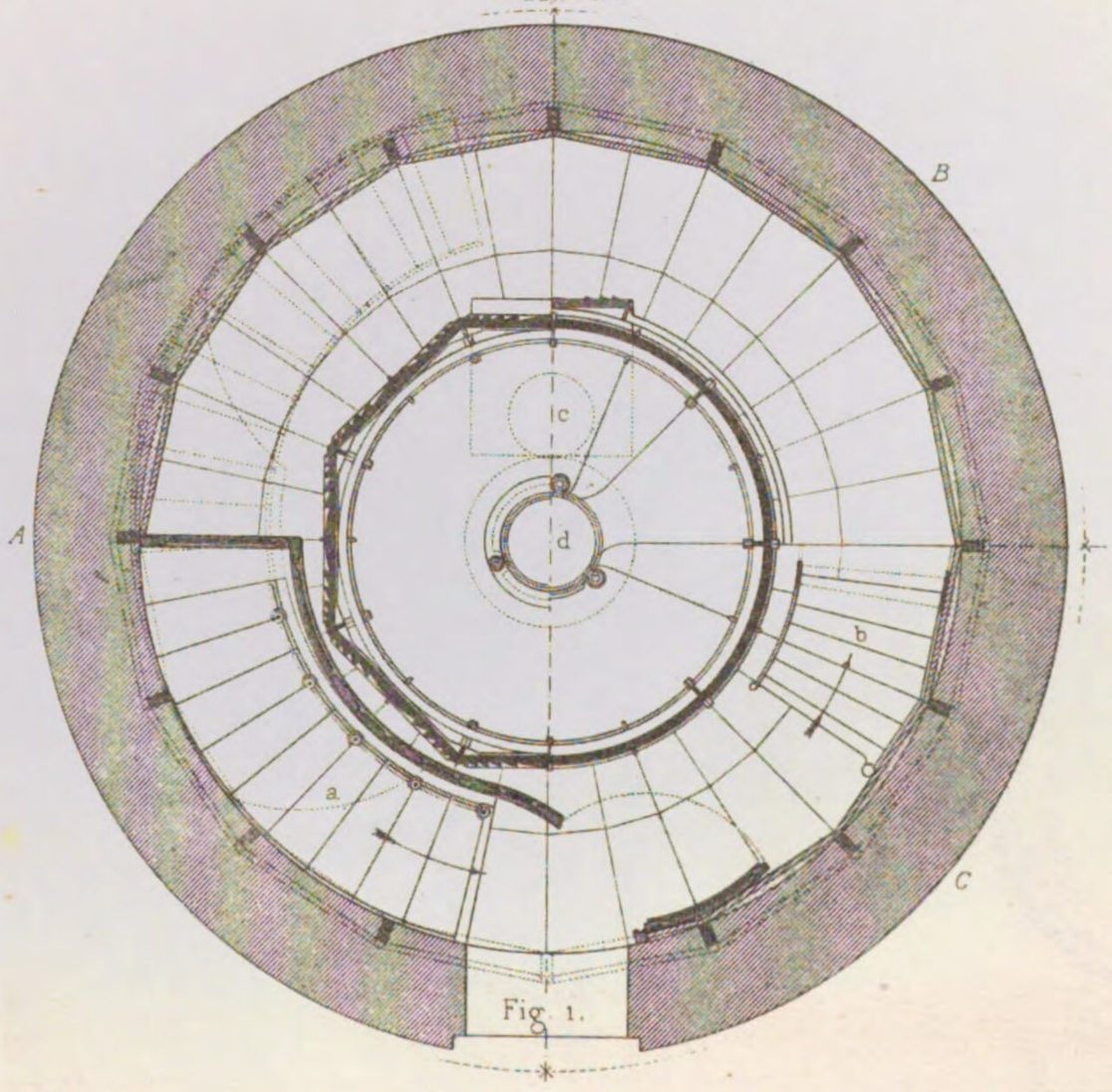


Fig. 1.

Echelle de 0 1 2 Mètres.

Aug^te Dénéchaux del. J. Sulpis sc.

APPAREILS D'ÉCLAIRAGE.

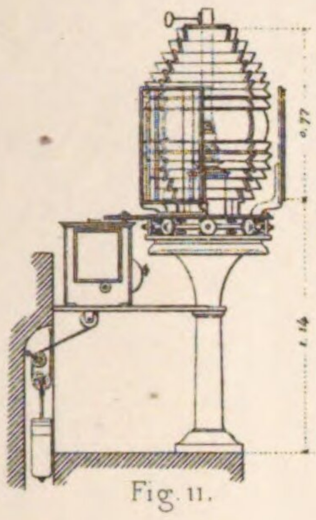


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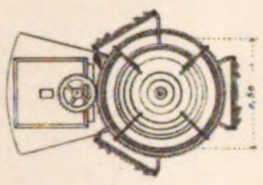


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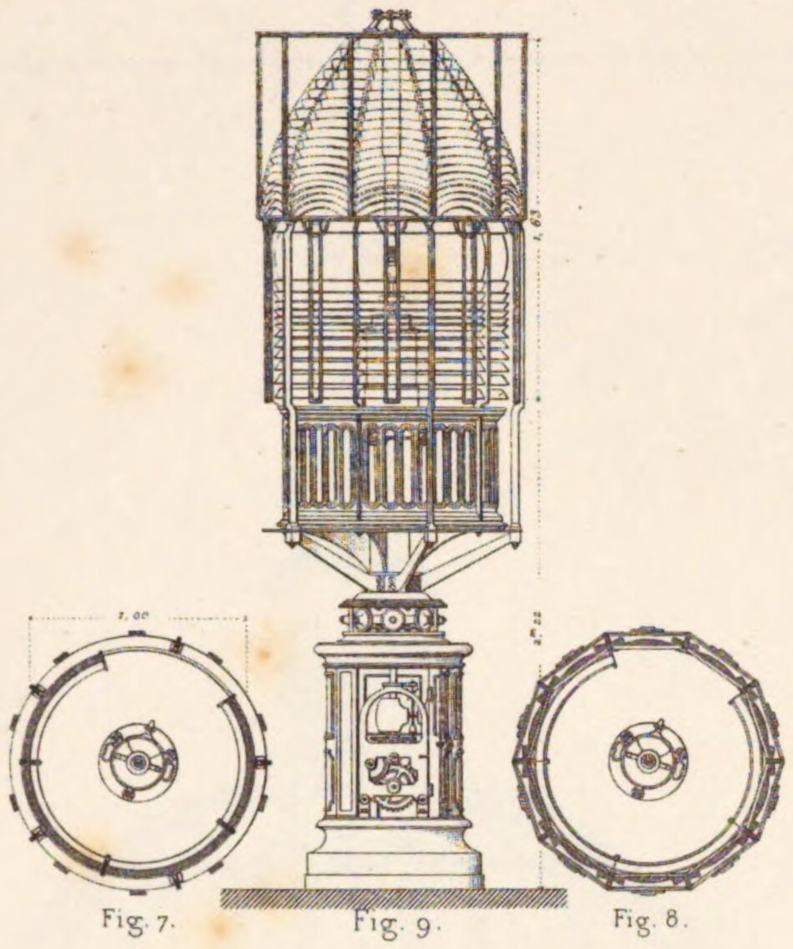


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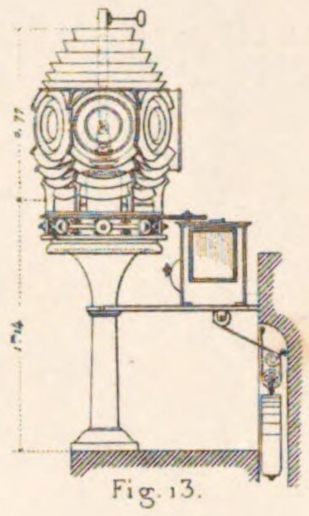


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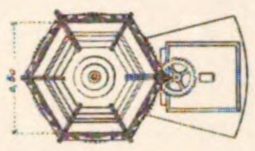


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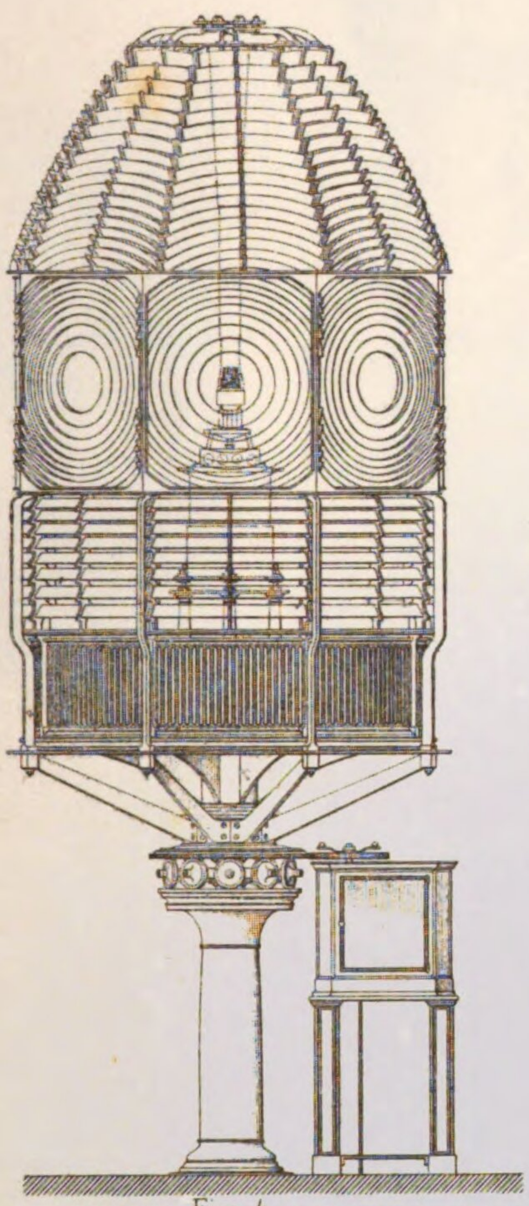


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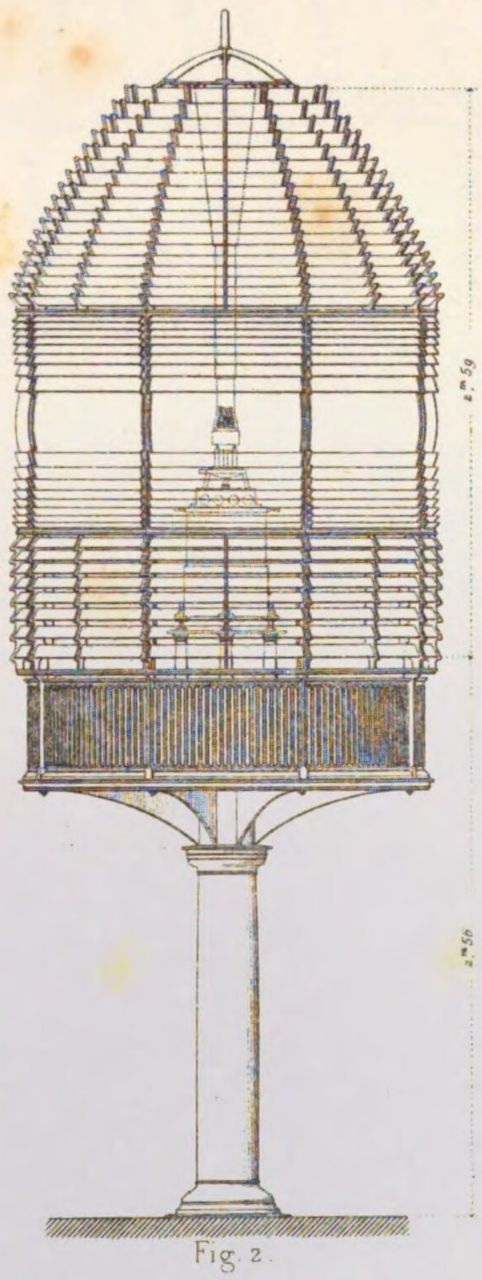


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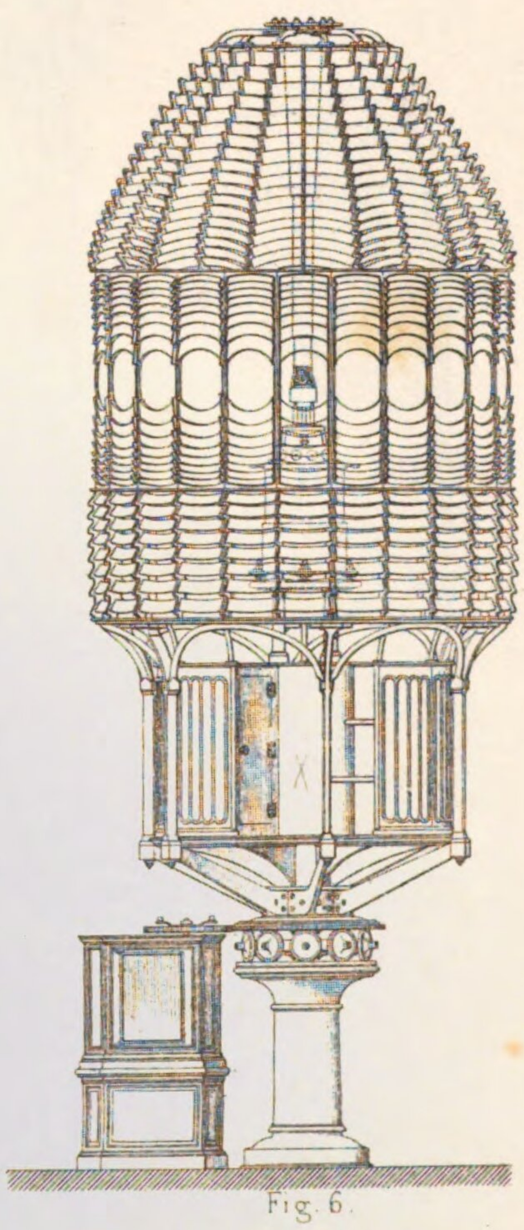


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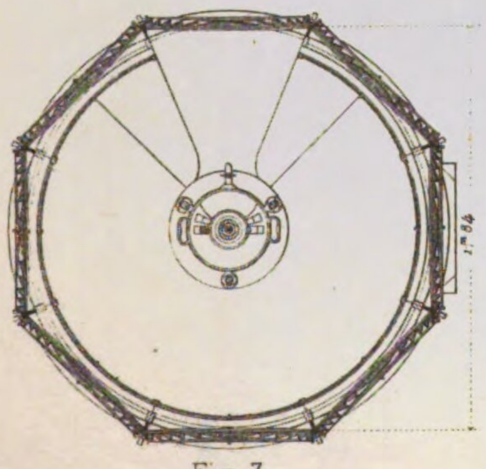


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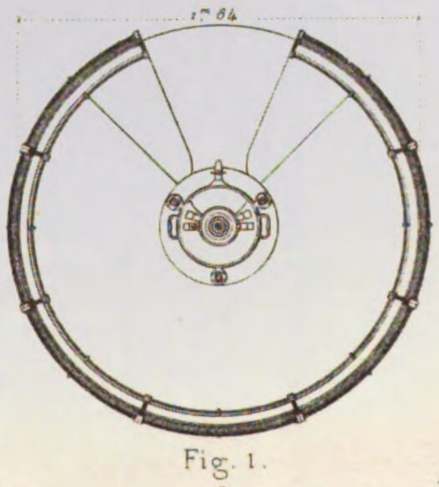


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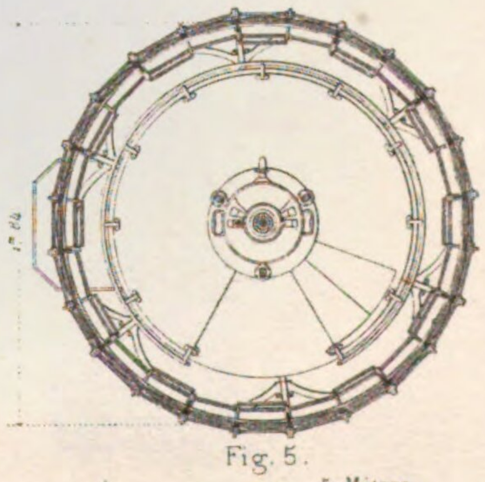


Fig. 5.

Echelle de 0 1 2 3 4 5 Mètres.

Aug.te Dénéchaux del. J. Sulpis sc.

APPAREILS D'ÉCLAIRAGE.

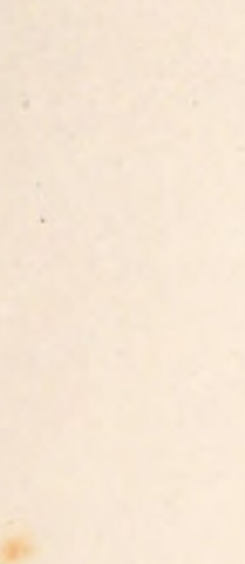


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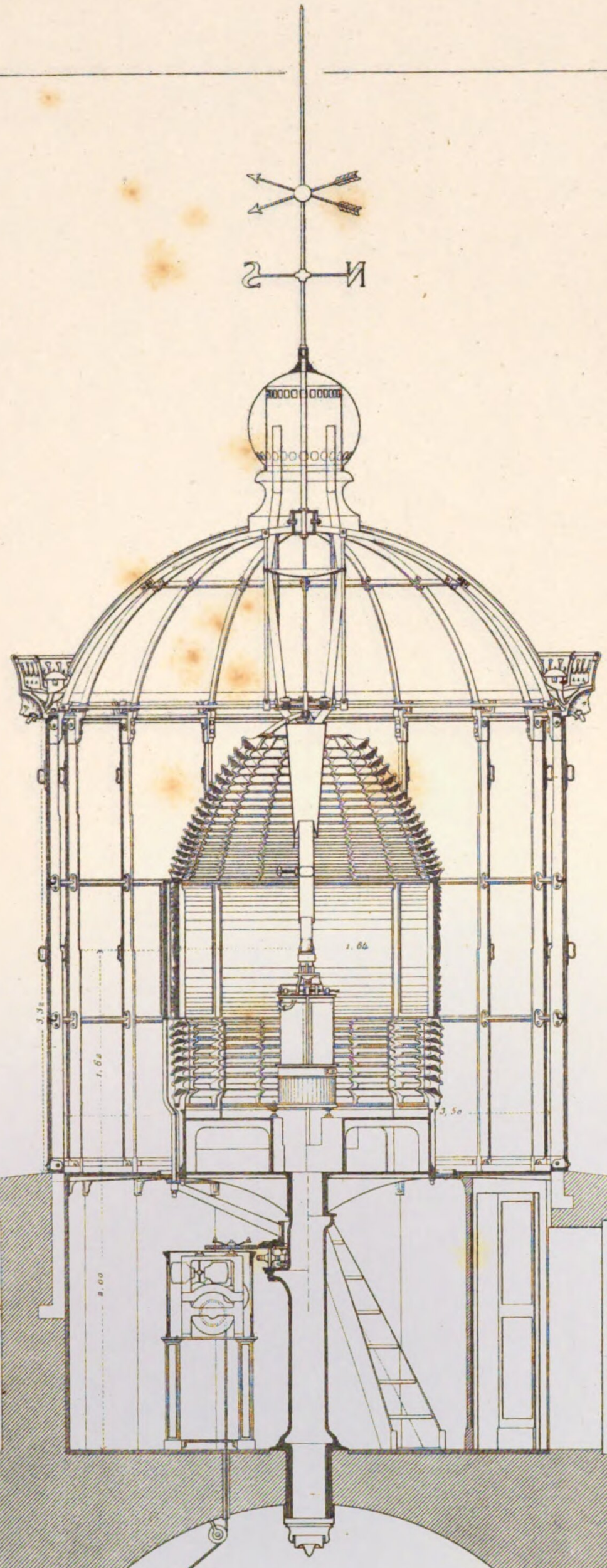


Fig. 1



Fig. 2.

Echelle de 0 1 2 3 4 5 Mètres.

Aug^te Dénéchaux del. J. Sulpis sc

APPAREILS D'ÉCLAIRAGE (1er Ordre)

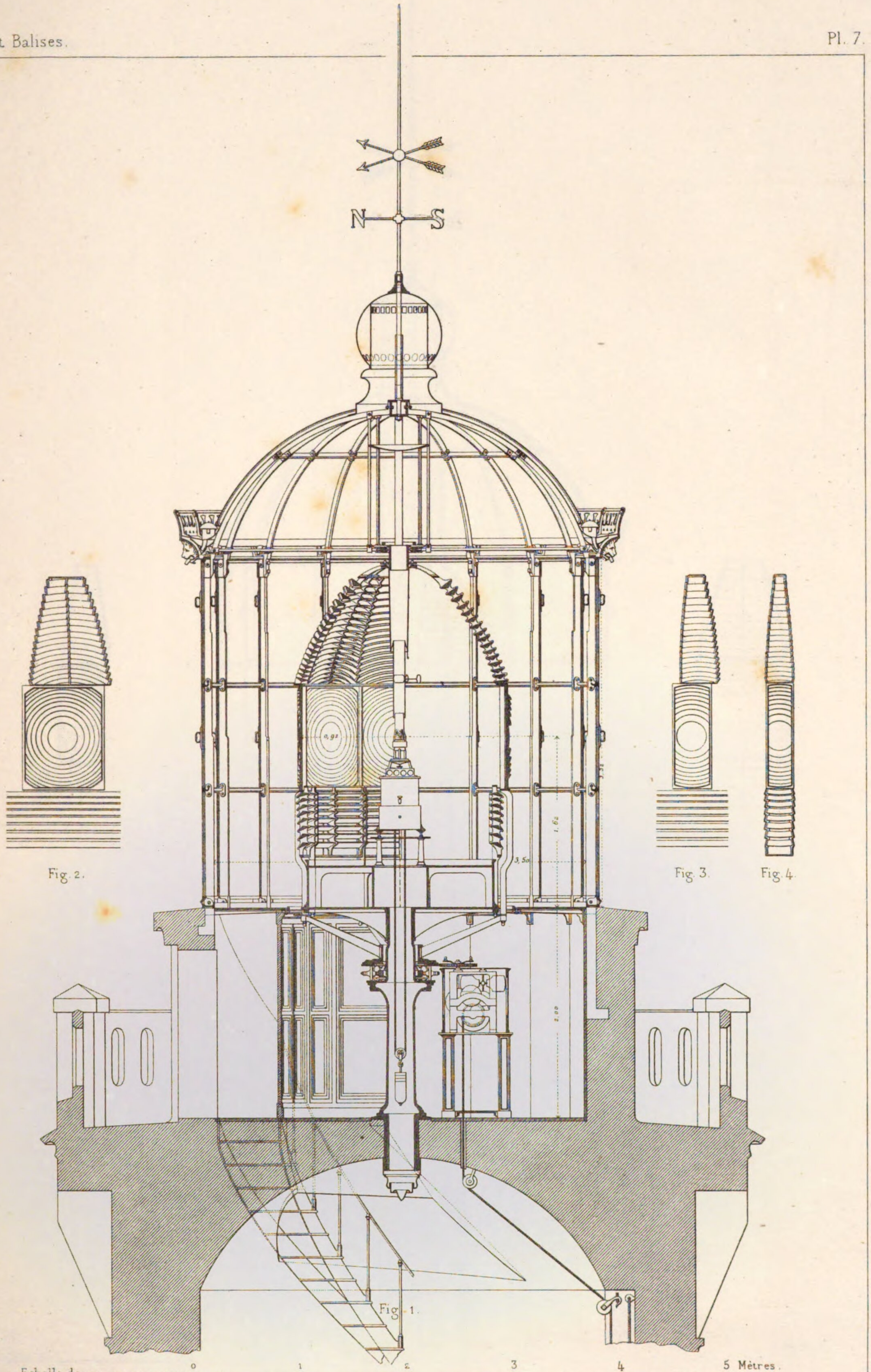


Fig. 2.

Fig. 3.

Fig. 4.

Fig. 1.

Aug.te Dénéchaux del.

J. Sulpis sc.

APPAREILS D'ÉCLAIRAGE (1.er Ordre.)

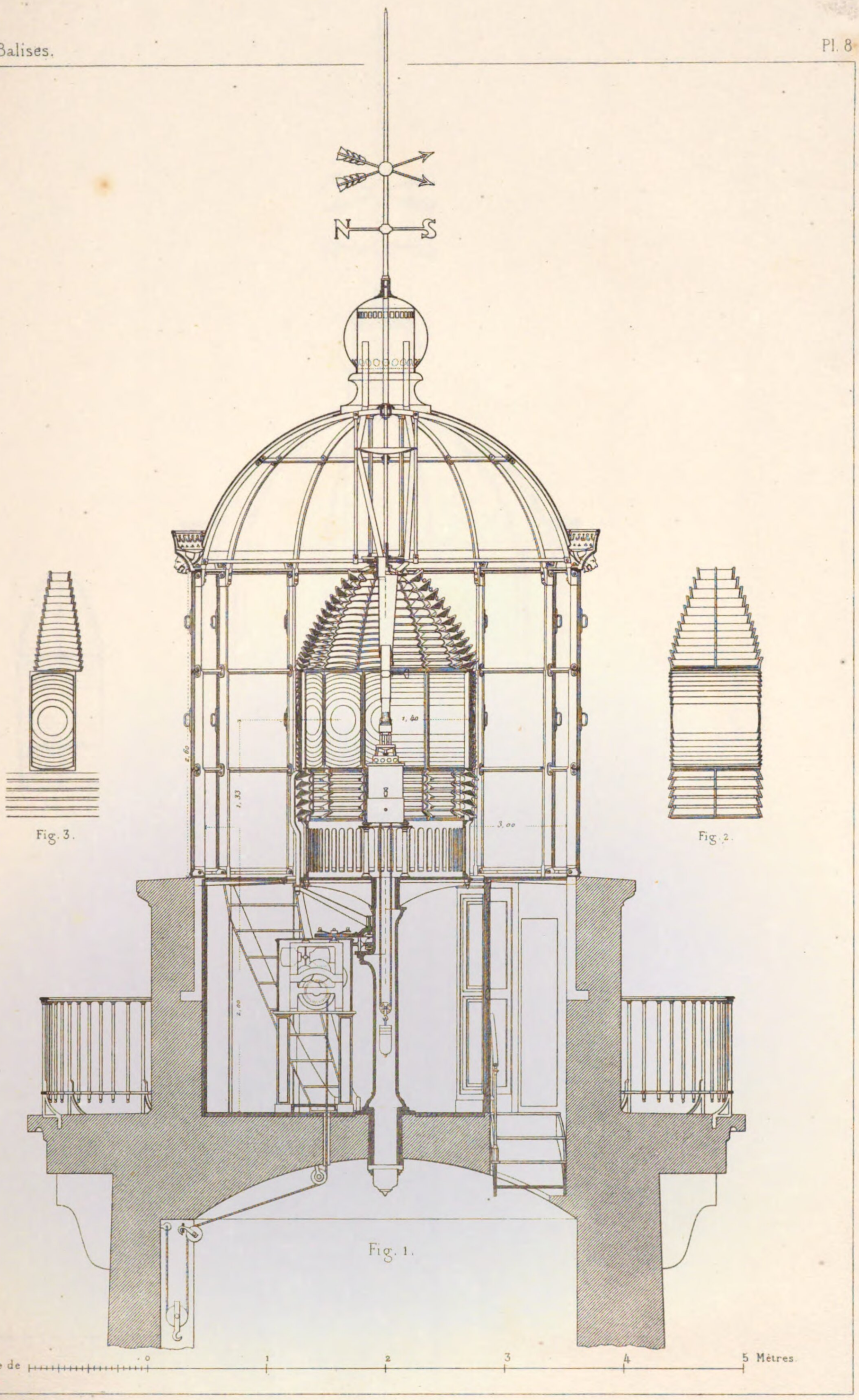


Fig. 3.

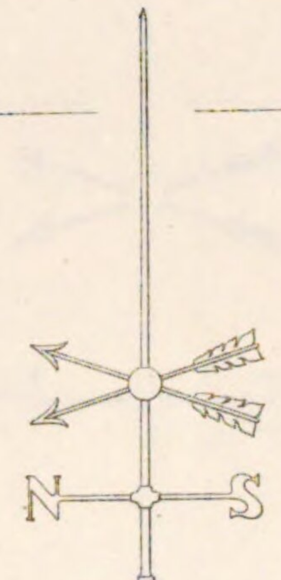
Fig. 2.

Fig. 1.

Echelle de 0 1 2 3 4 5 Mètres

Aug^te Dénéchaux del. J. Sulpis sc.

APPAREILS D'ÉCLAIRAGE. (2e Ordre).



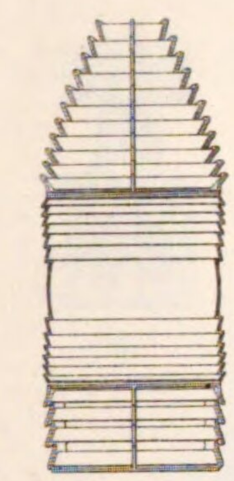


Fig. 2.

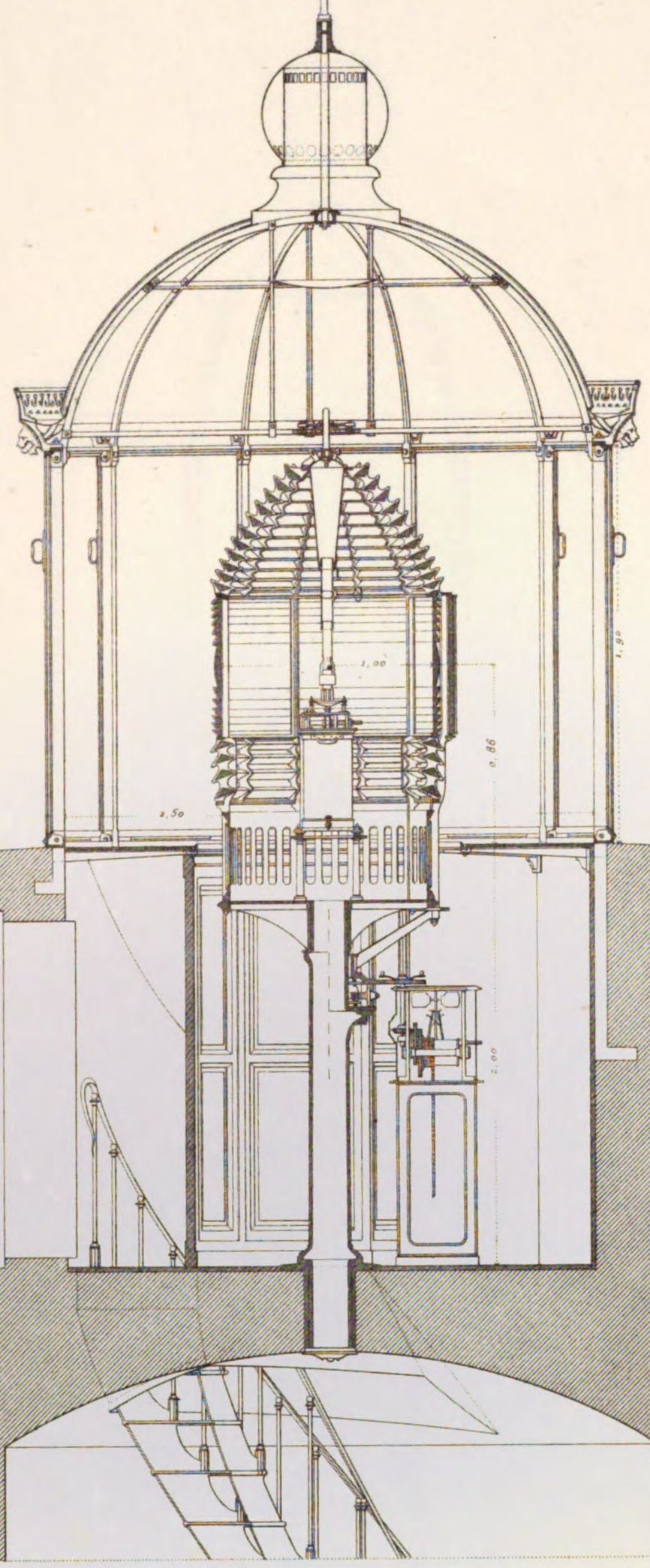


Fig. 1.

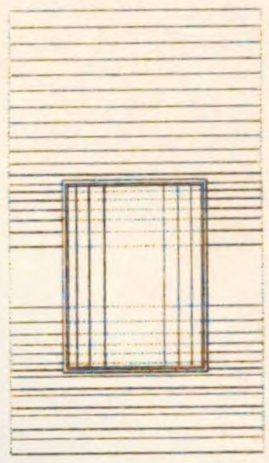
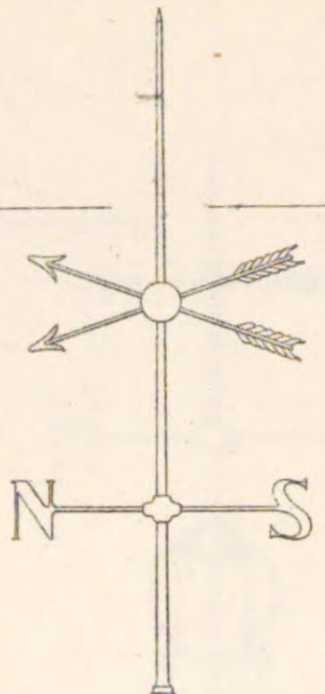


Fig. 3.

Echelle de 0 1 2 3 4 5 Mètres.

Aug.te Dénéchaux del. J. Sulpis sc.

APPAREILS D'ÉCLAIRAGE (3e Ordre g.)



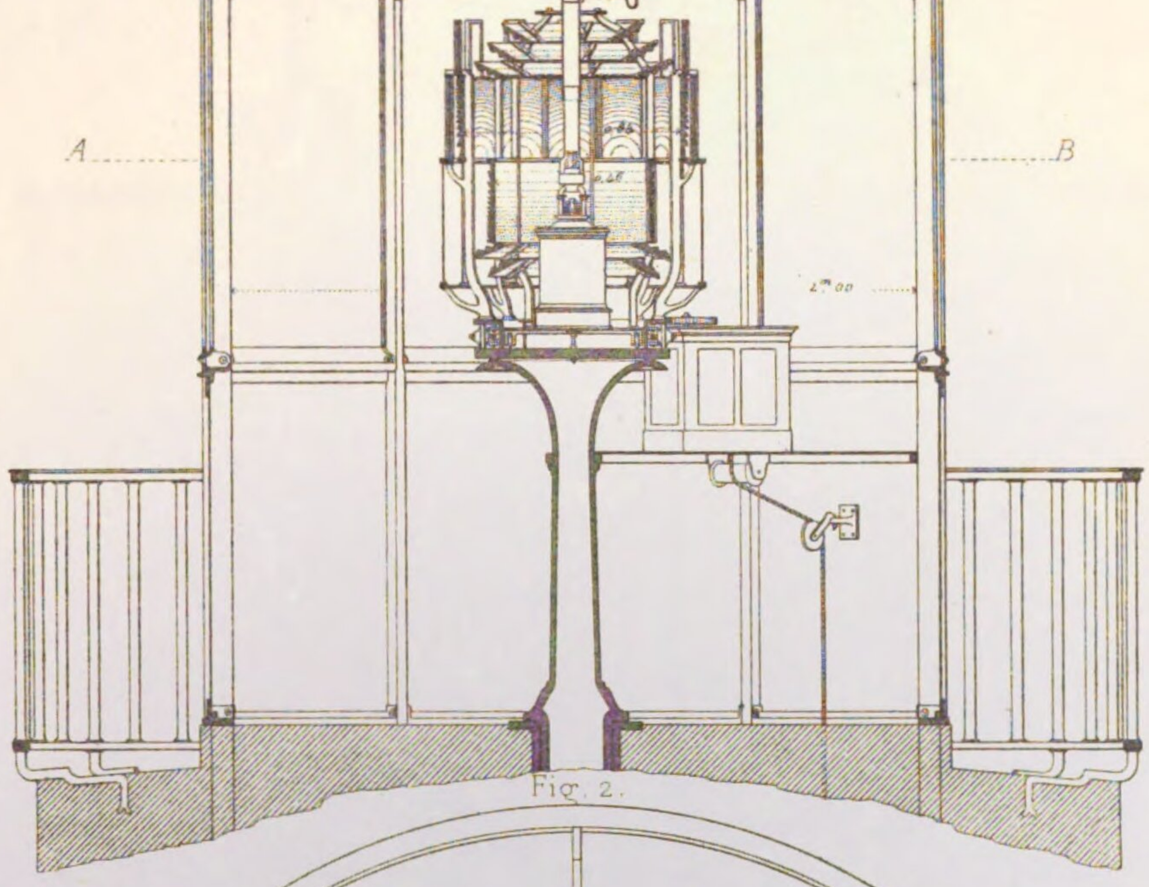


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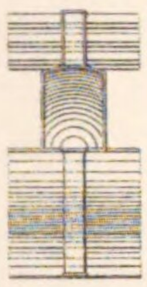


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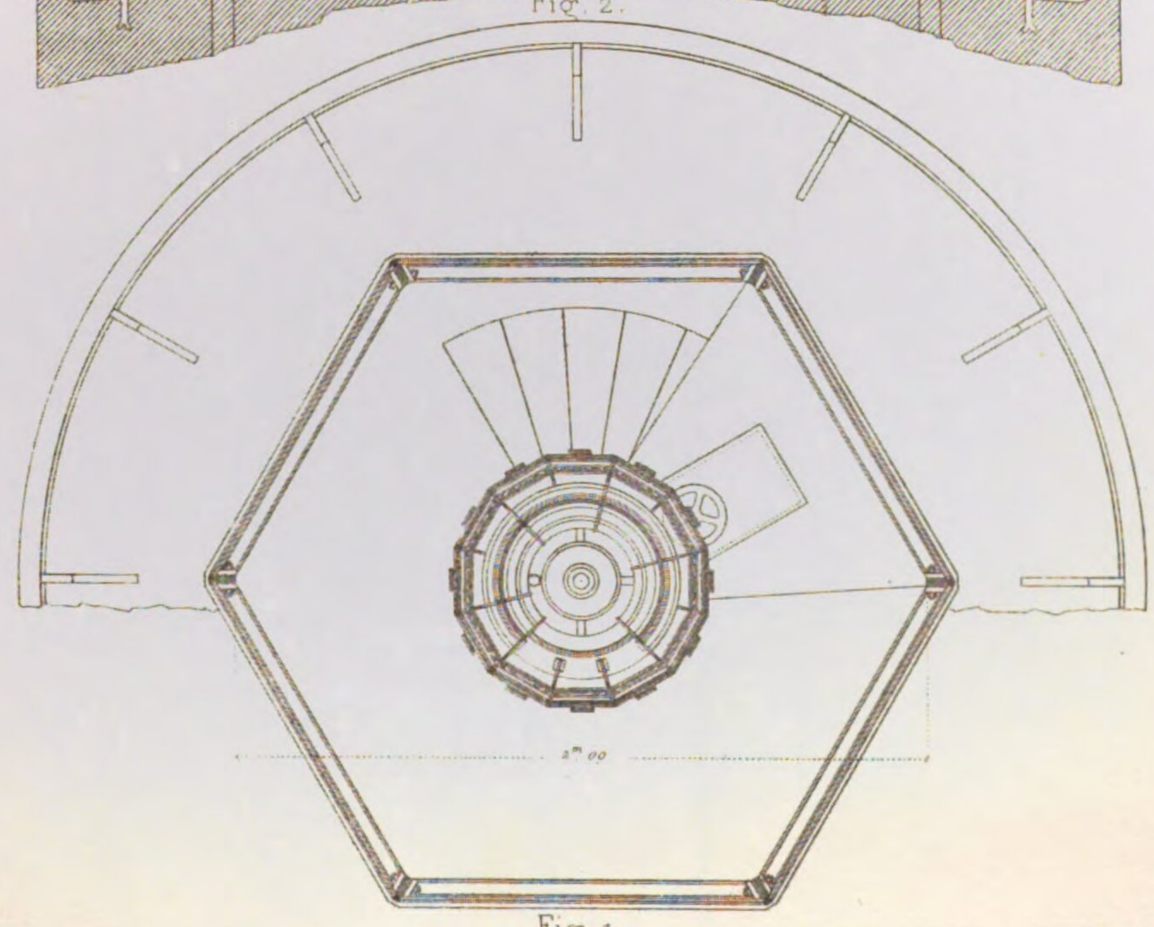


Fig. 1.

Echelle de 0 1 2 Metres.

Aug.te Dénechaux del. J. Sulpis sc.

APPAREILS D'ÉCLAIRAGE (3.e Ordre p.)

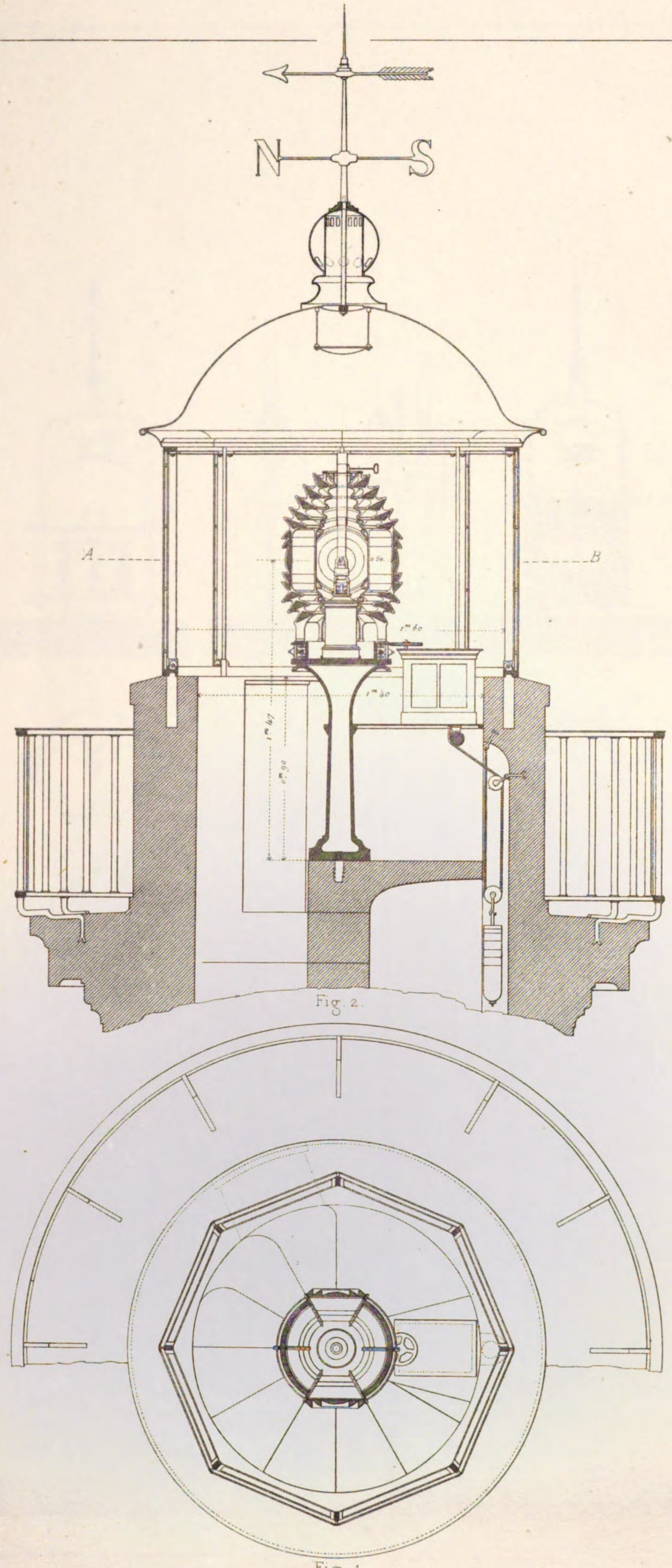


Fig. 2.

Fig. 1.

Echelle de 0 1 2 Mètres

Aug.te Dénéchaux del. J. Sulpis sc.

APPAREILS D'ÉCLAIRAGE (3e Ordre p).

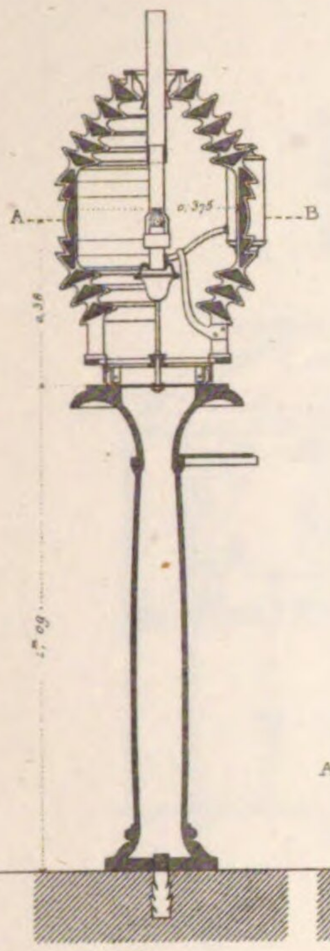


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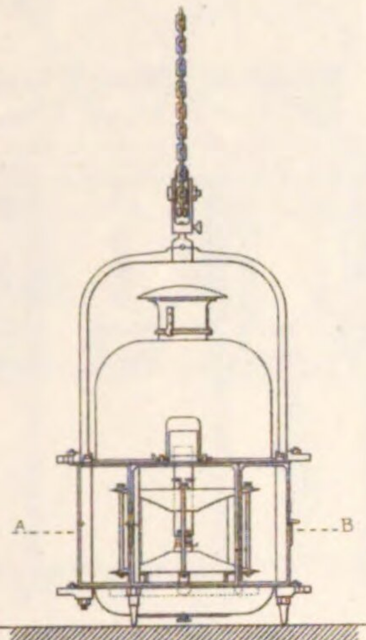


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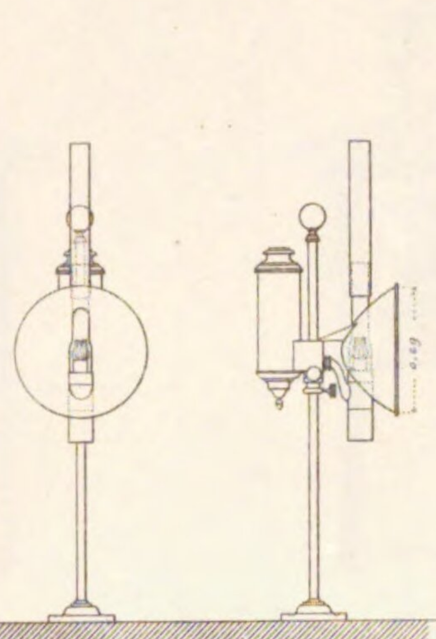


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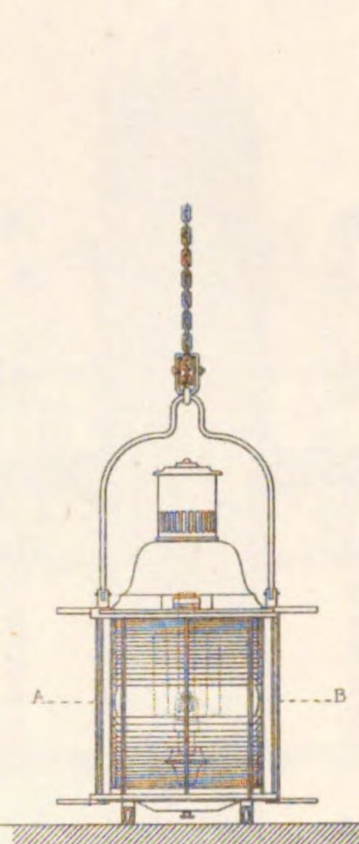


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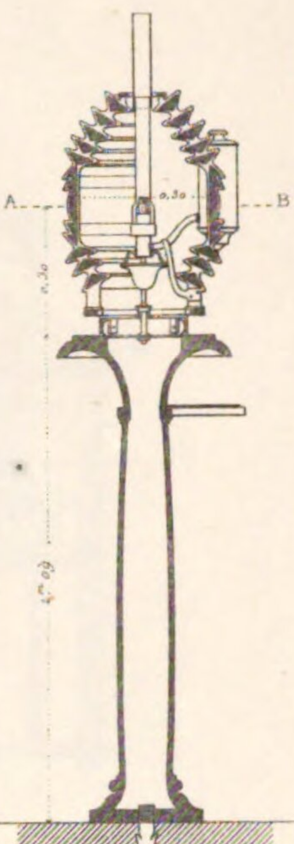


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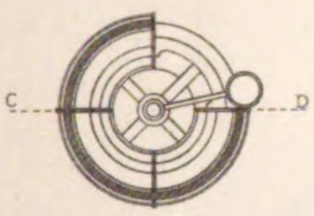


Fig. 1.

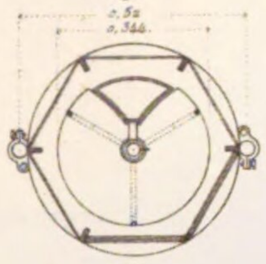


Fig. 14.



Fig. 11.

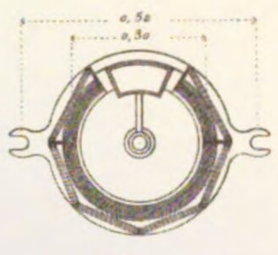


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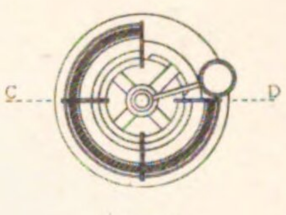
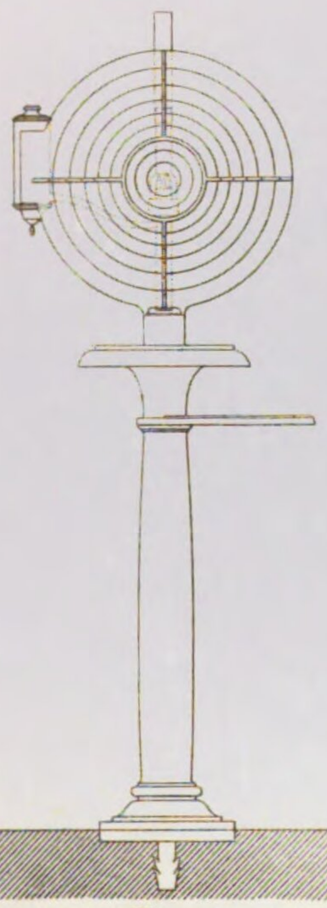
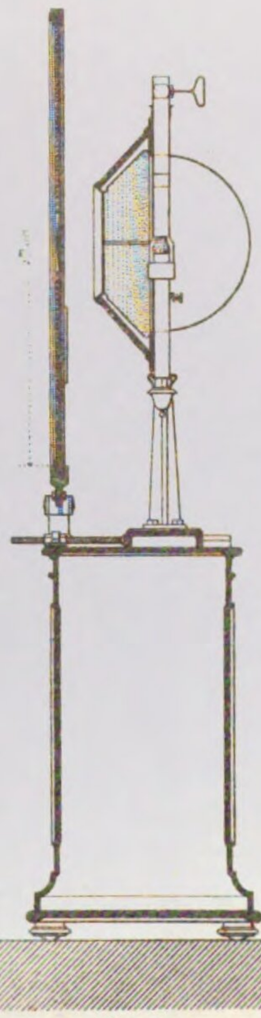


Fig. 3.







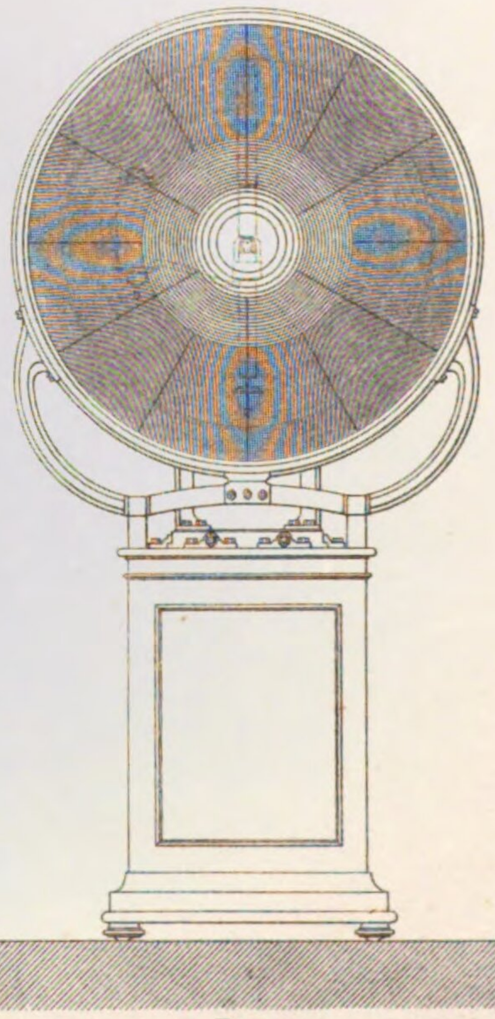


Fig. 10. Fig. 9. Fig. 8. Fig. 7.

Echelle de. 0 1 2 Mètres

Aug.te Dénéchaux del. J. Sulpis sc.

APPAREILS D'ÉCLAIRAGE (4.e Ordre).

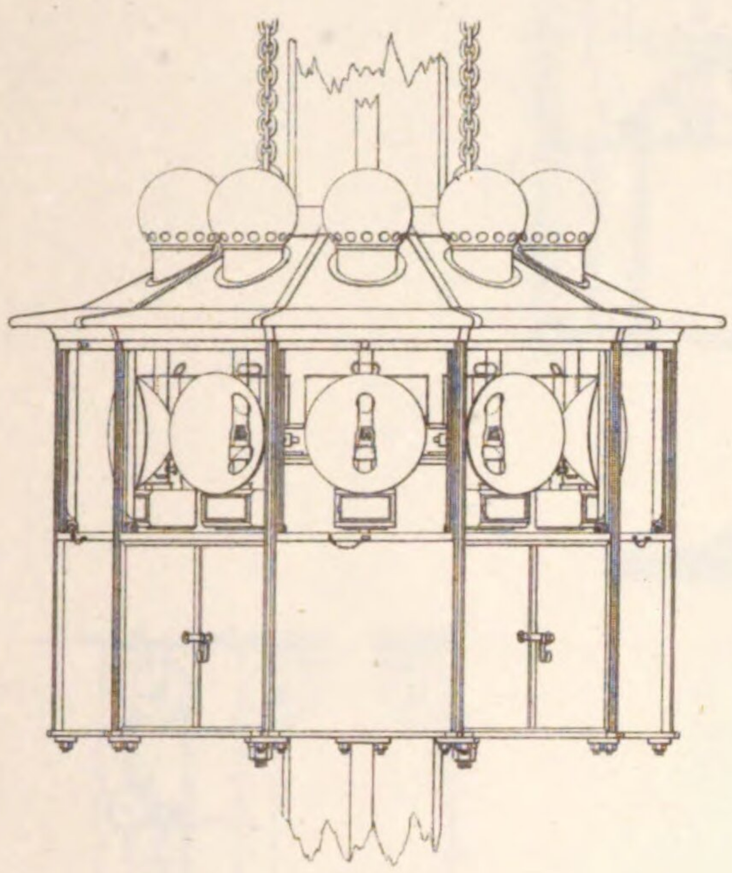


Fig. 1.

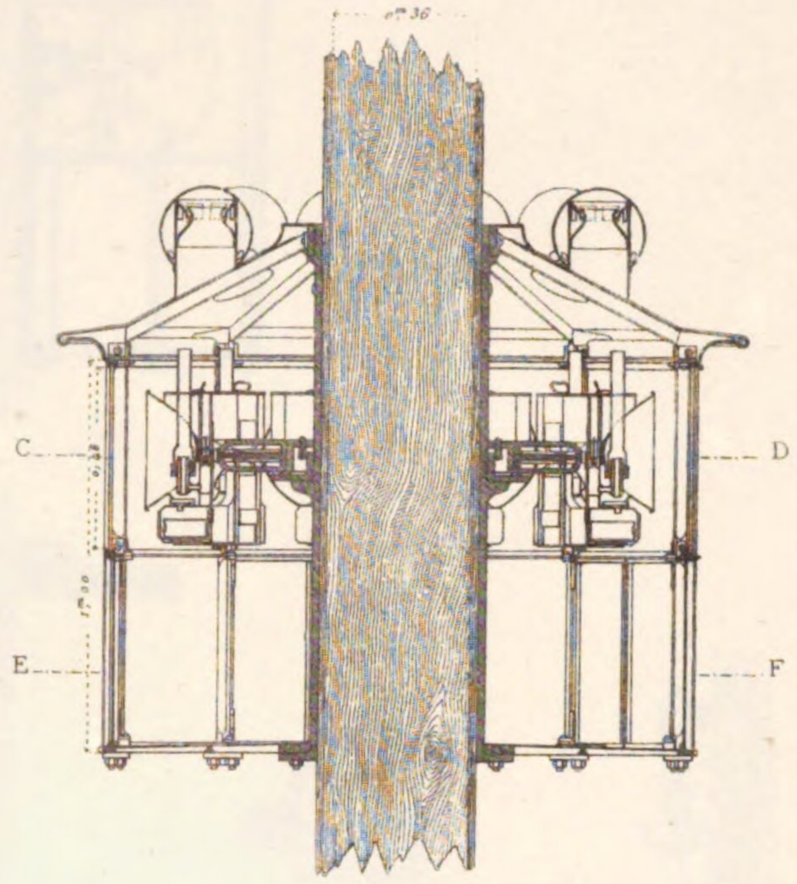


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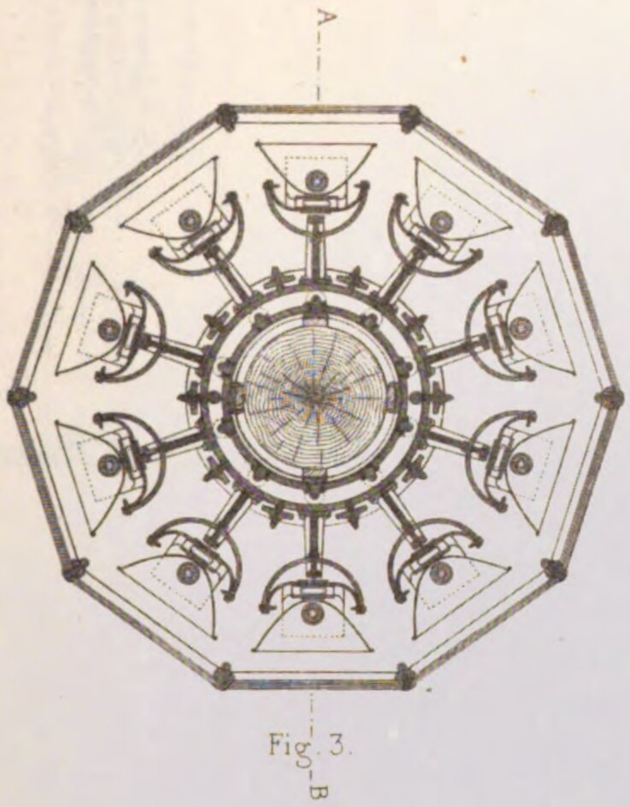


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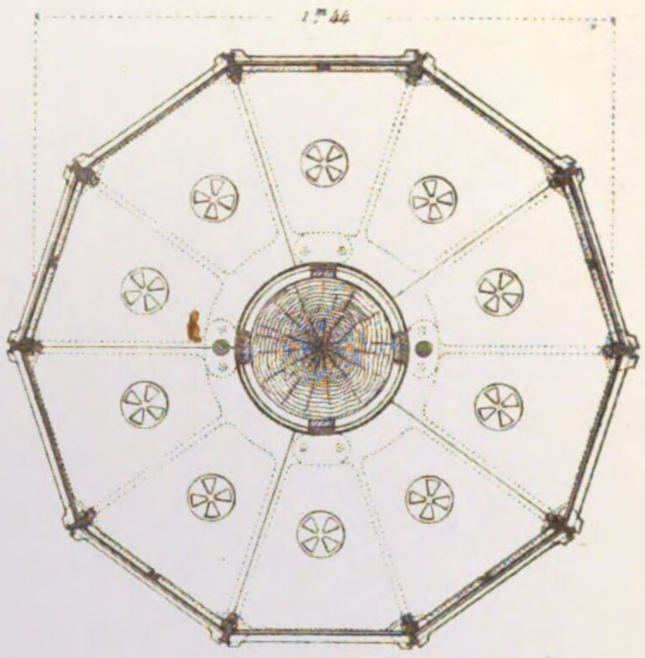


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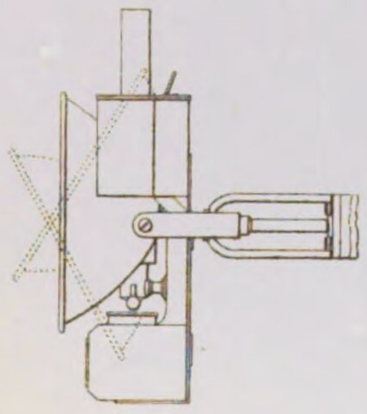


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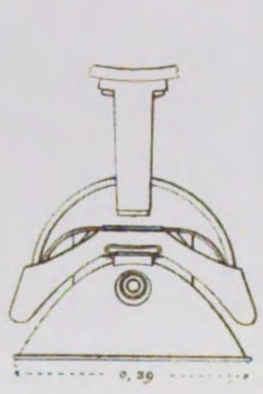


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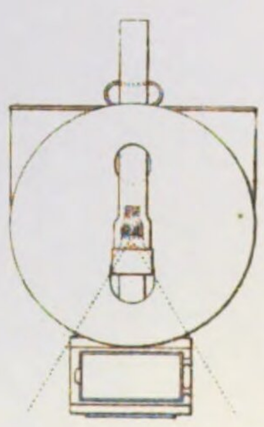


Fig. 5.

Echelle des Fig. { 1, 2, 3 et 4 — 2 Mètres. / 5, 6 et 7 — 1 Mètre.

Aug.te Dénéchaux del.

E. Lebel sc.

APPAREILS D'ÉCLAIRAGE (Feu flottant).

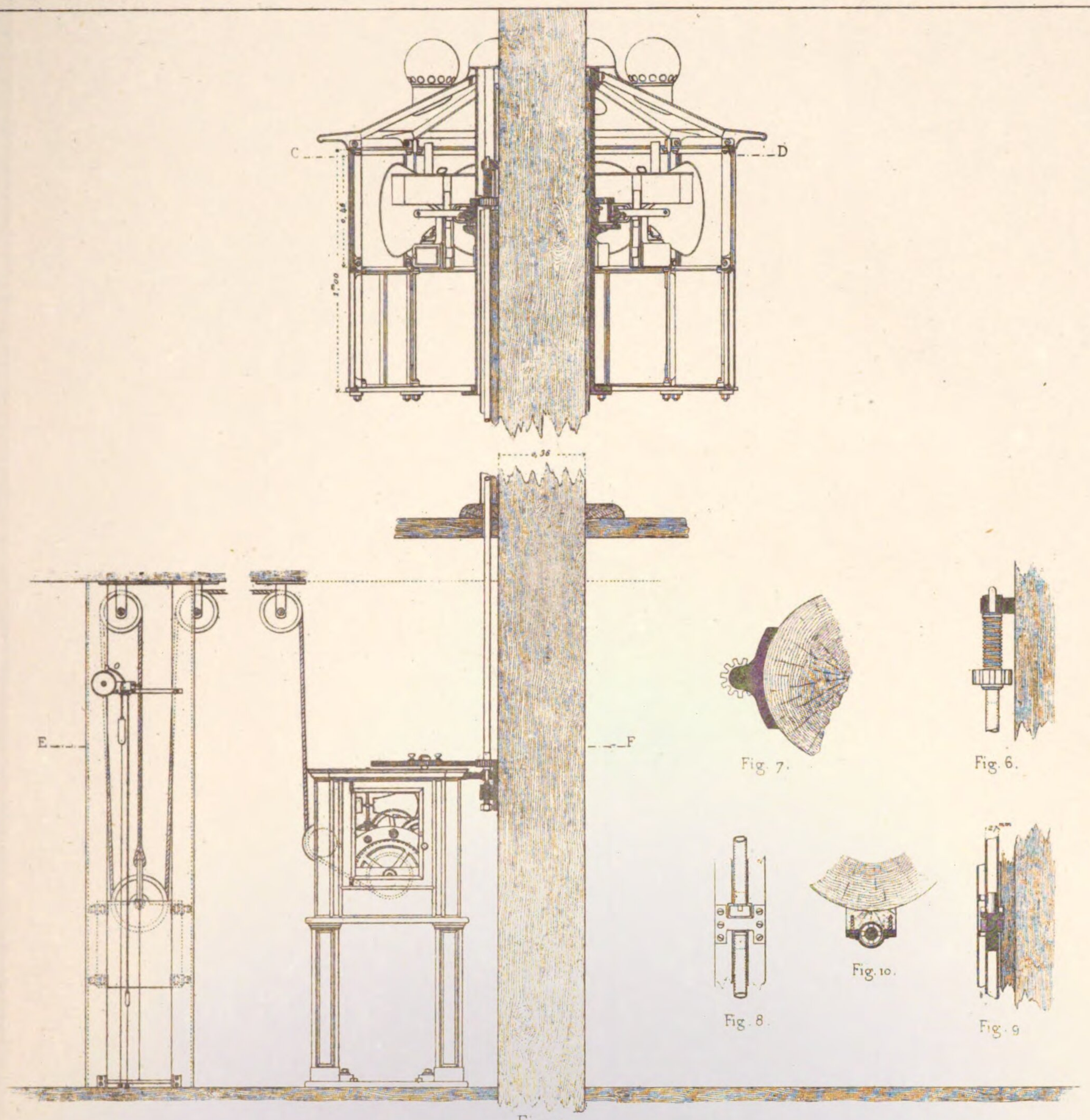


Fig. 1.

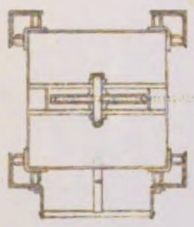
Fig. 7.

Fig. 6.

Fig. 8.

Fig. 10.

Fig. 9



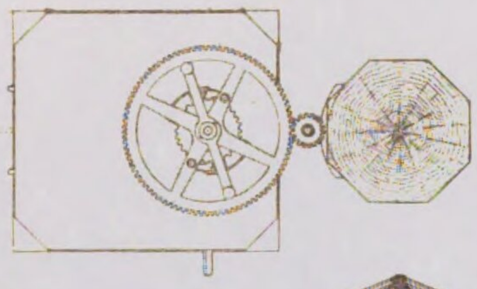


Fig. 3

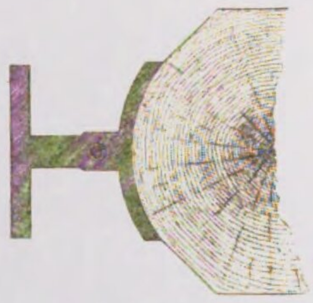


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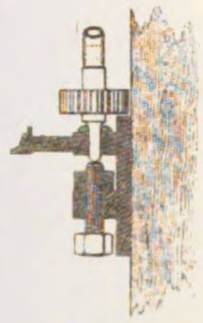


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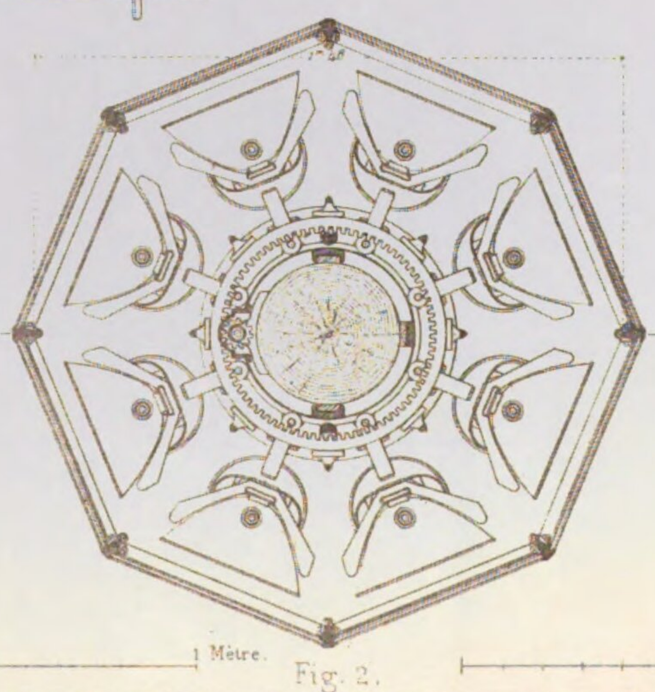


Fig. 2.

Echelle des Fig 1. 2 et 3.

1 Mètre.

Echelle des Fig. 4 à 9.

1 Mètre

Aug^te Denechaux del.

E. Lebel sc

APPAREILS D'ECLAIRAGE (Feu flottant).

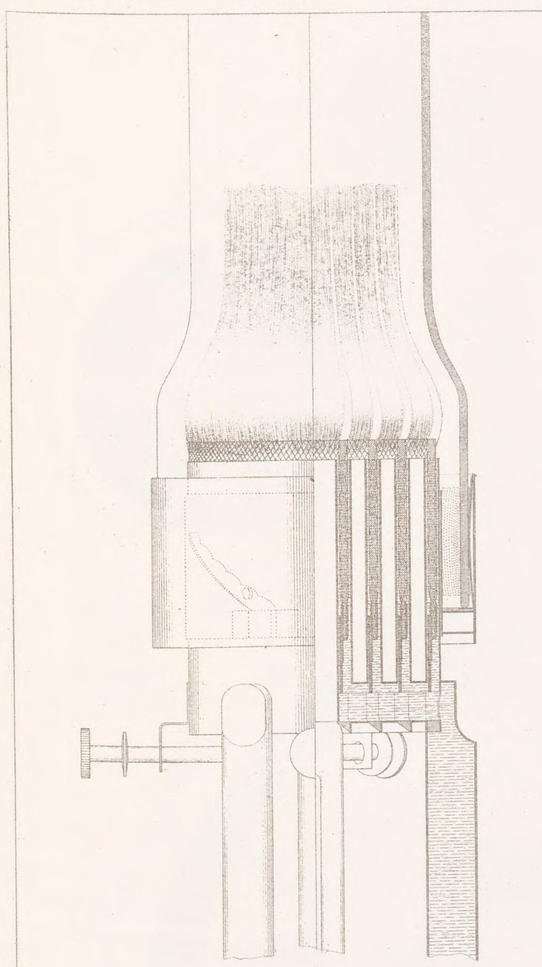


Fig. 2.

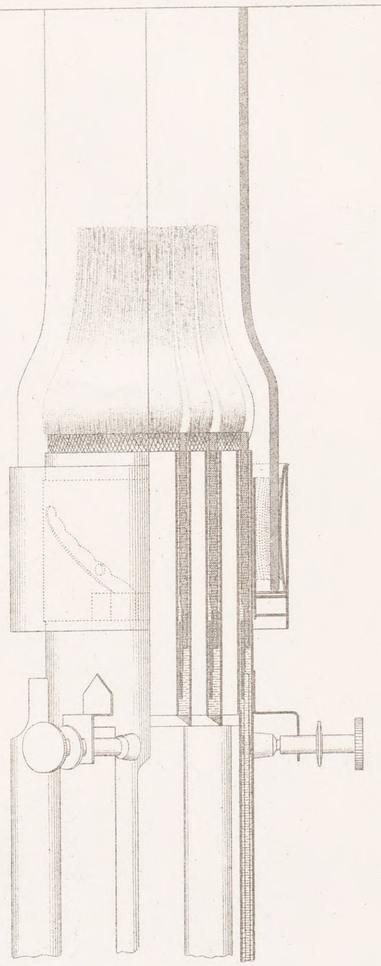


Fig. 4.

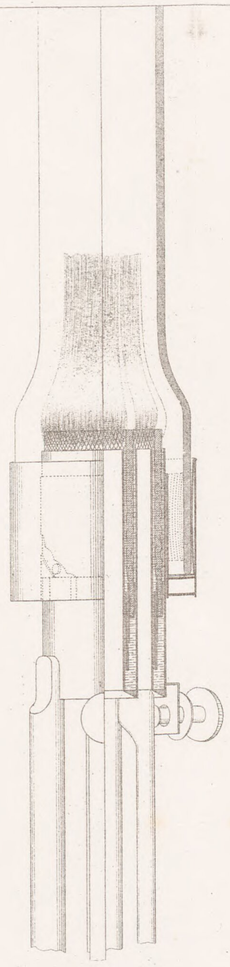


Fig. 6.

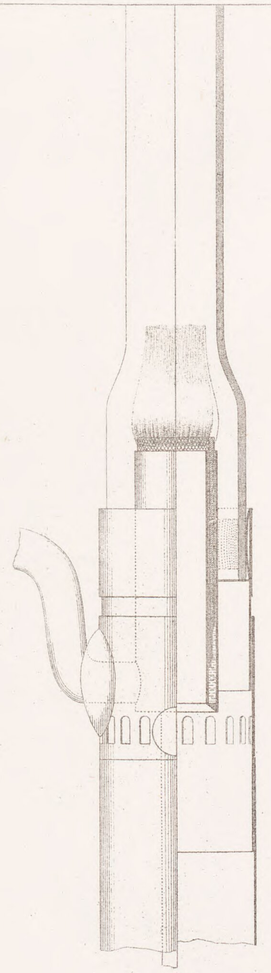


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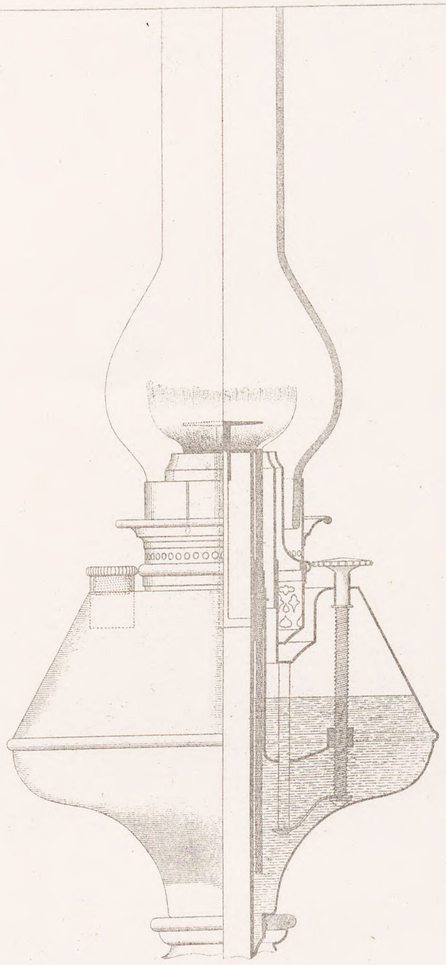


Fig. 10.

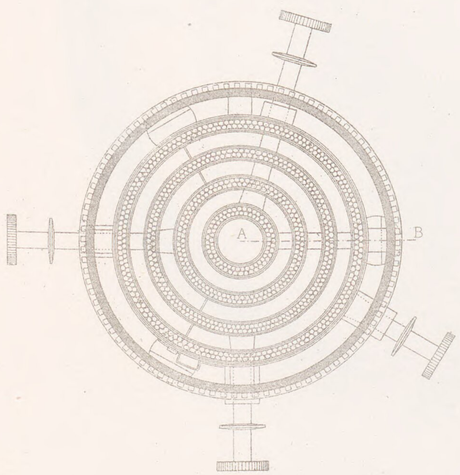


Fig. 1.

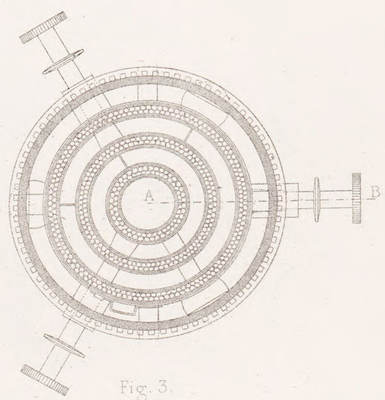


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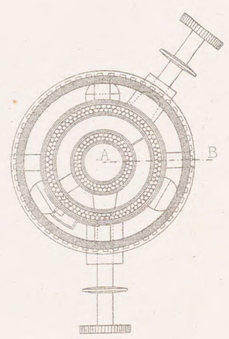


Fig. 5.

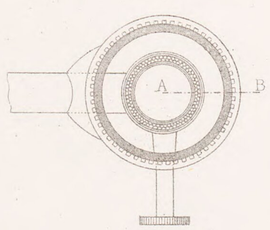


Fig. 7.

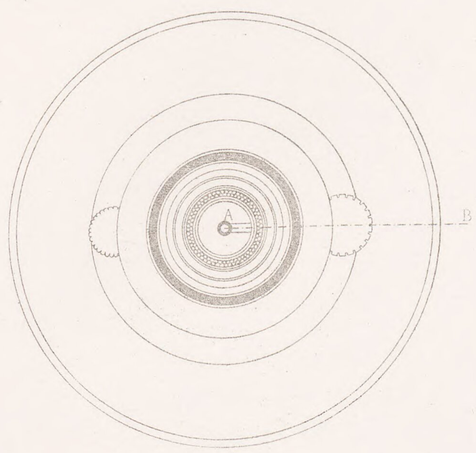


Fig. 9.

Echelle de 0 1 2 3 4 5 10 Cent.

Edm. Colin del. L. Lebel sc.

BECS ET FLAMMES

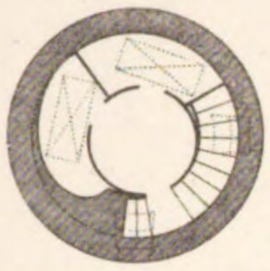


Fig. 5.

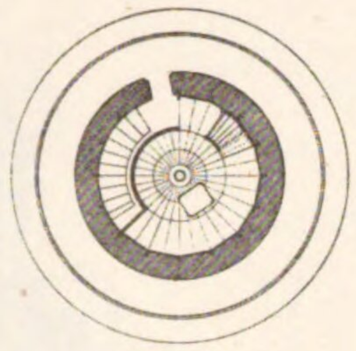


Fig. 6.

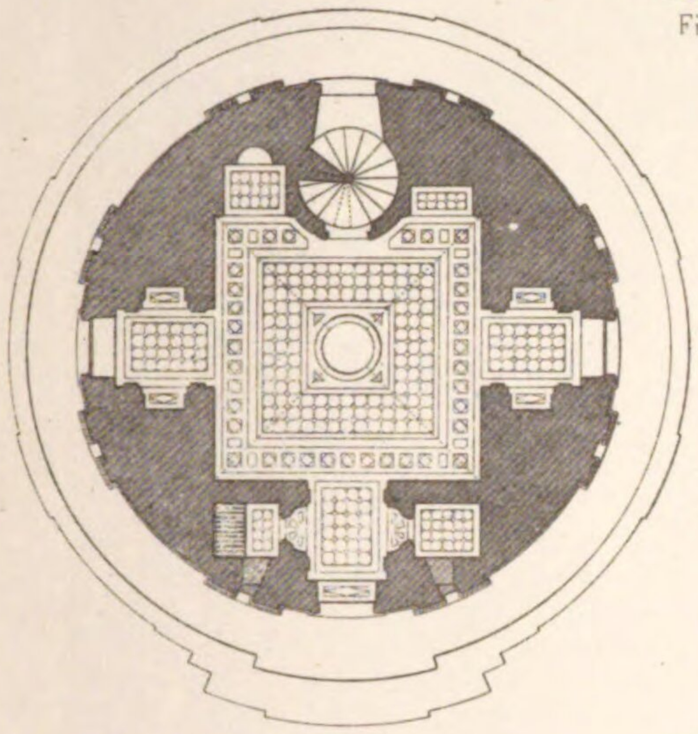


Fig. 2.

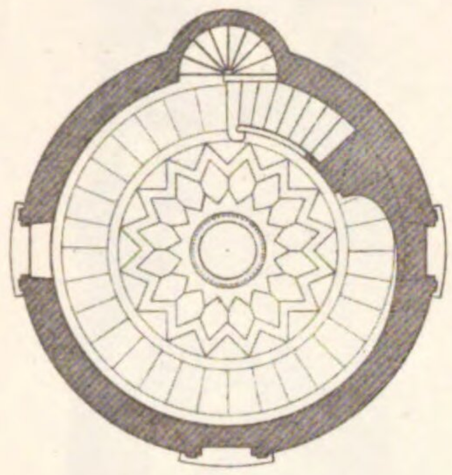


Fig. 4.

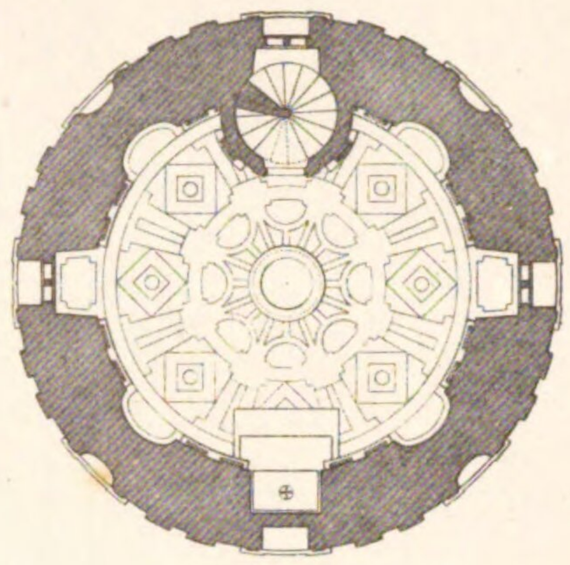


Fig. 3.

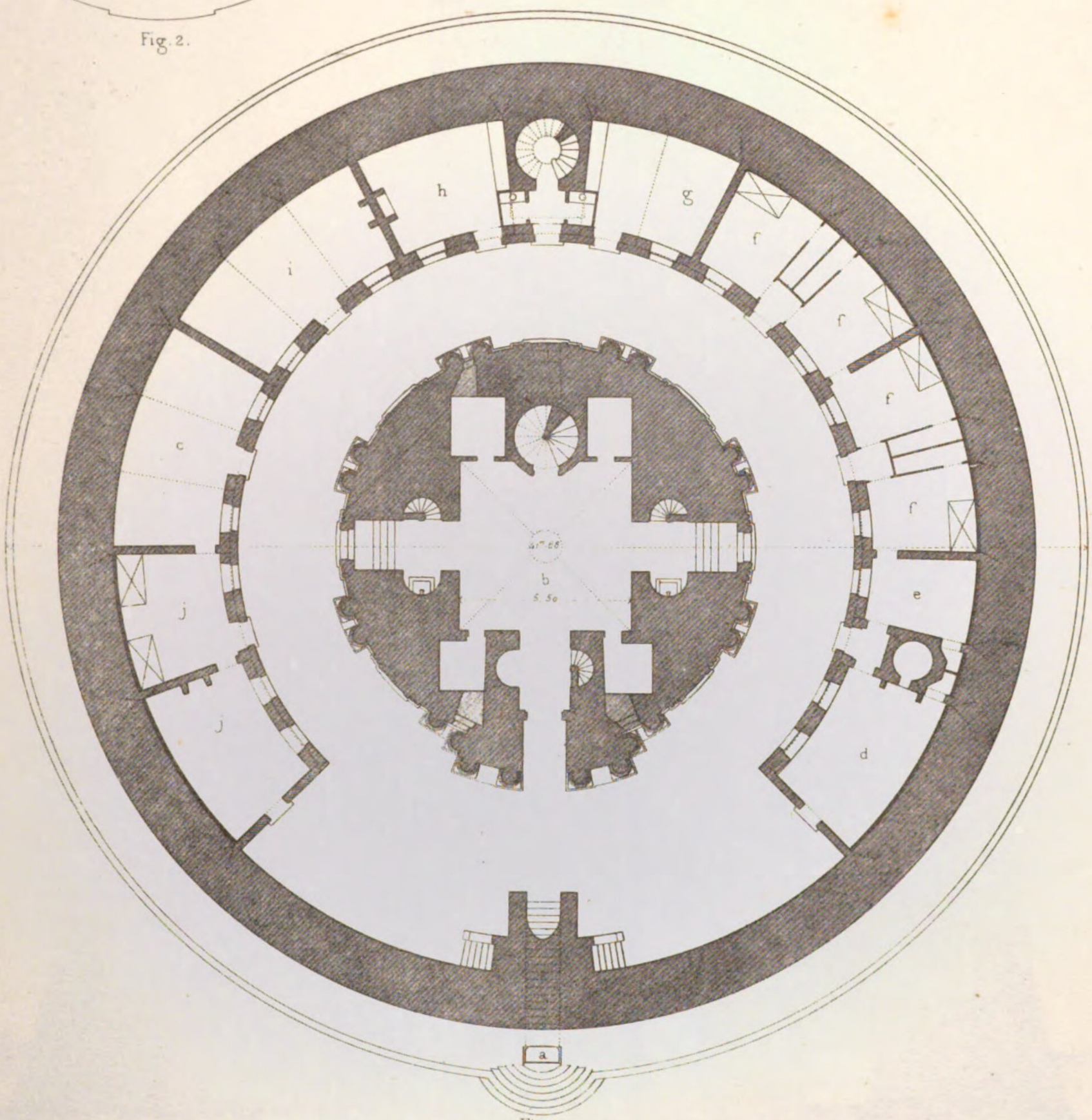
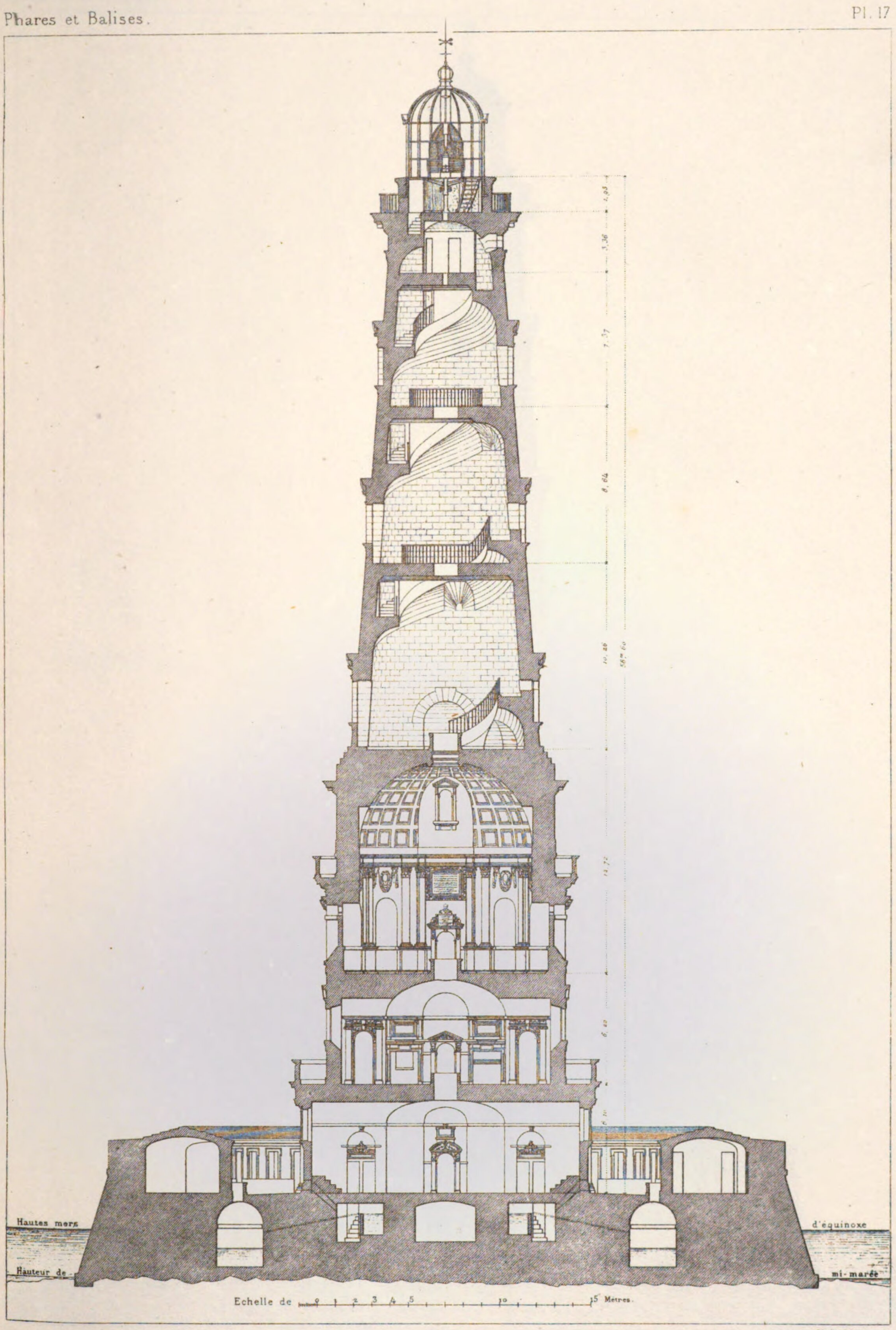


Fig. 1.

Echelle de 0 1 2 3 4 5 10 15 Metres

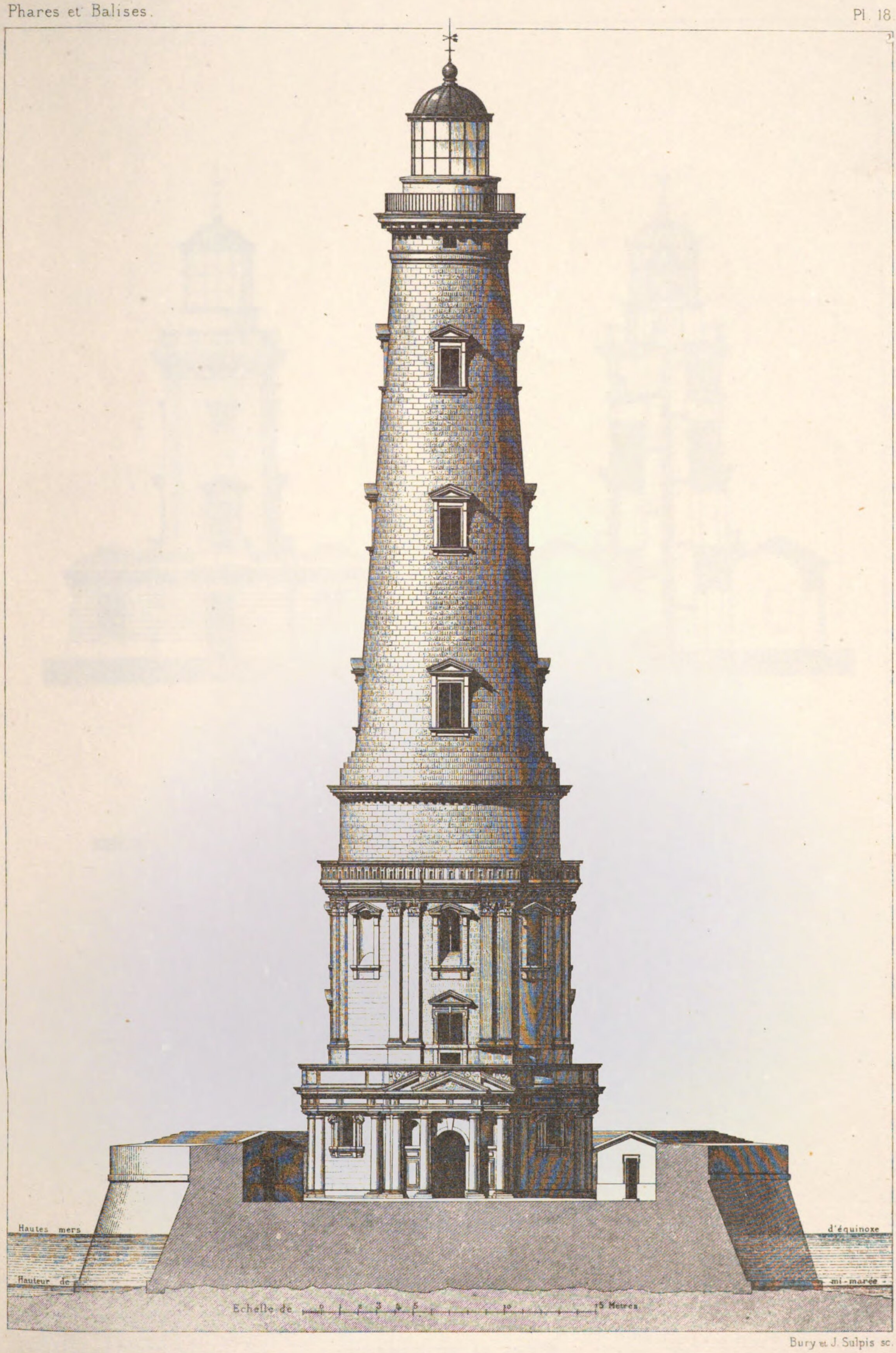
J. Sulpis sc.

PHARE DE CORDOUAN



J. Sulpis sc.

PHARE DE CORDOUAN.



Bury et J. Sulpis sc.

PHARE DE CORDOUAN.

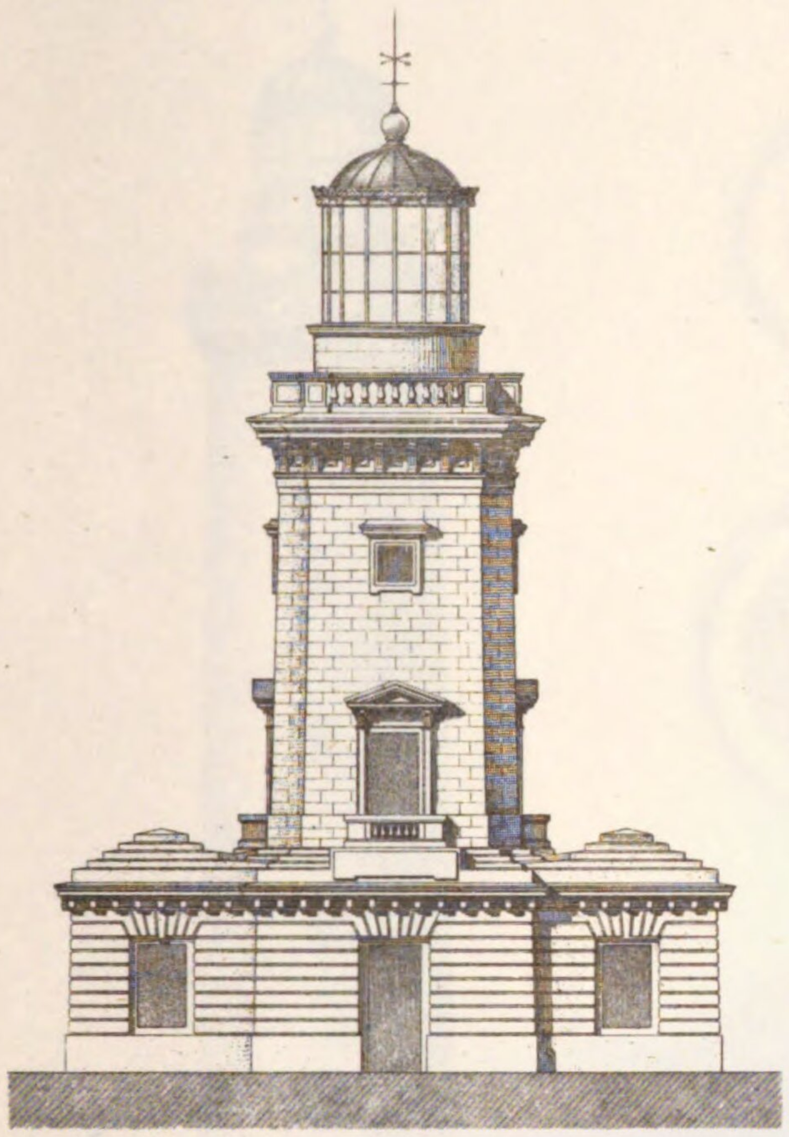


Fig. 1.

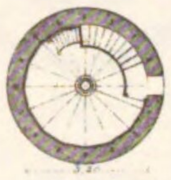


Fig. 3.

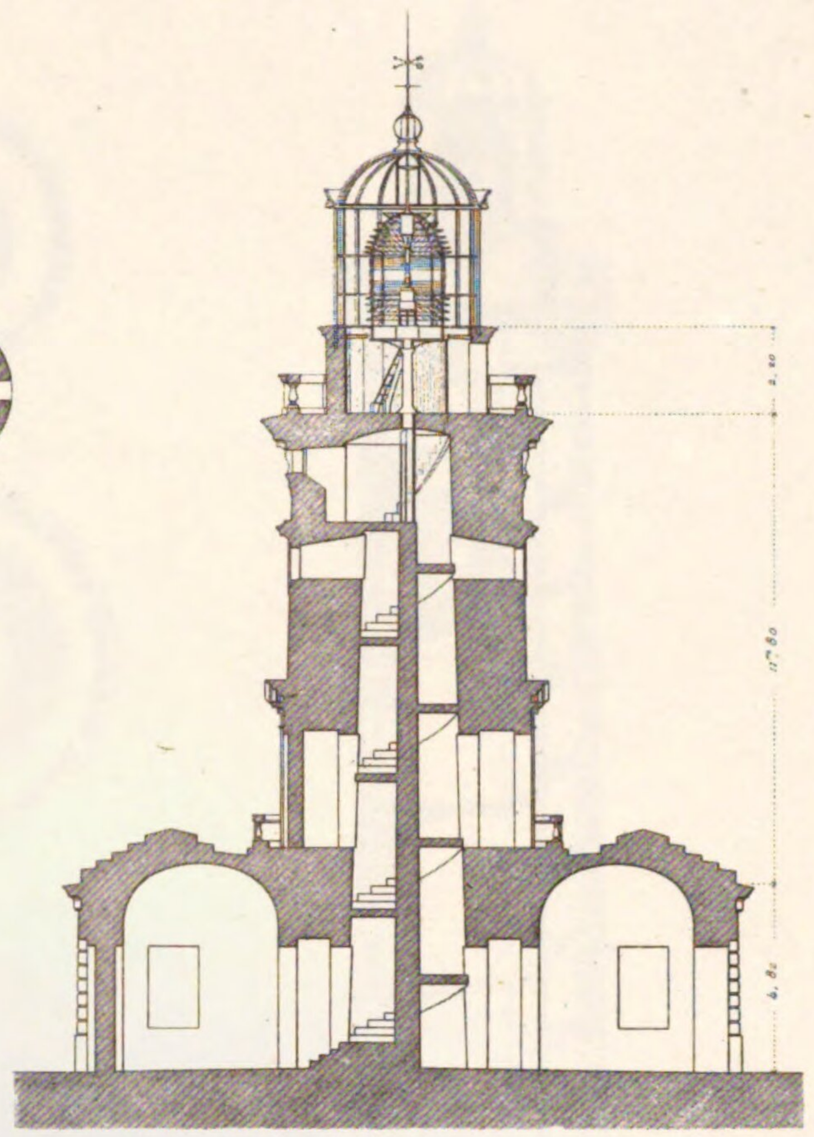


Fig. 2.

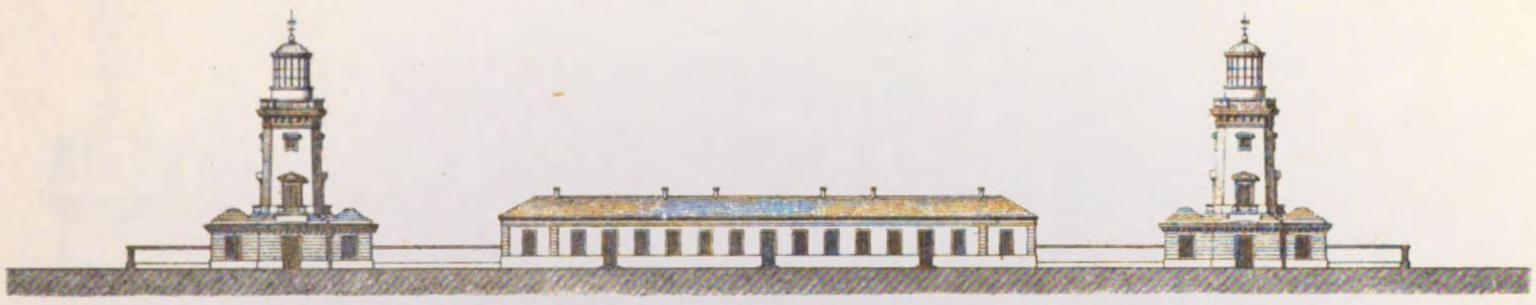


Fig. 5

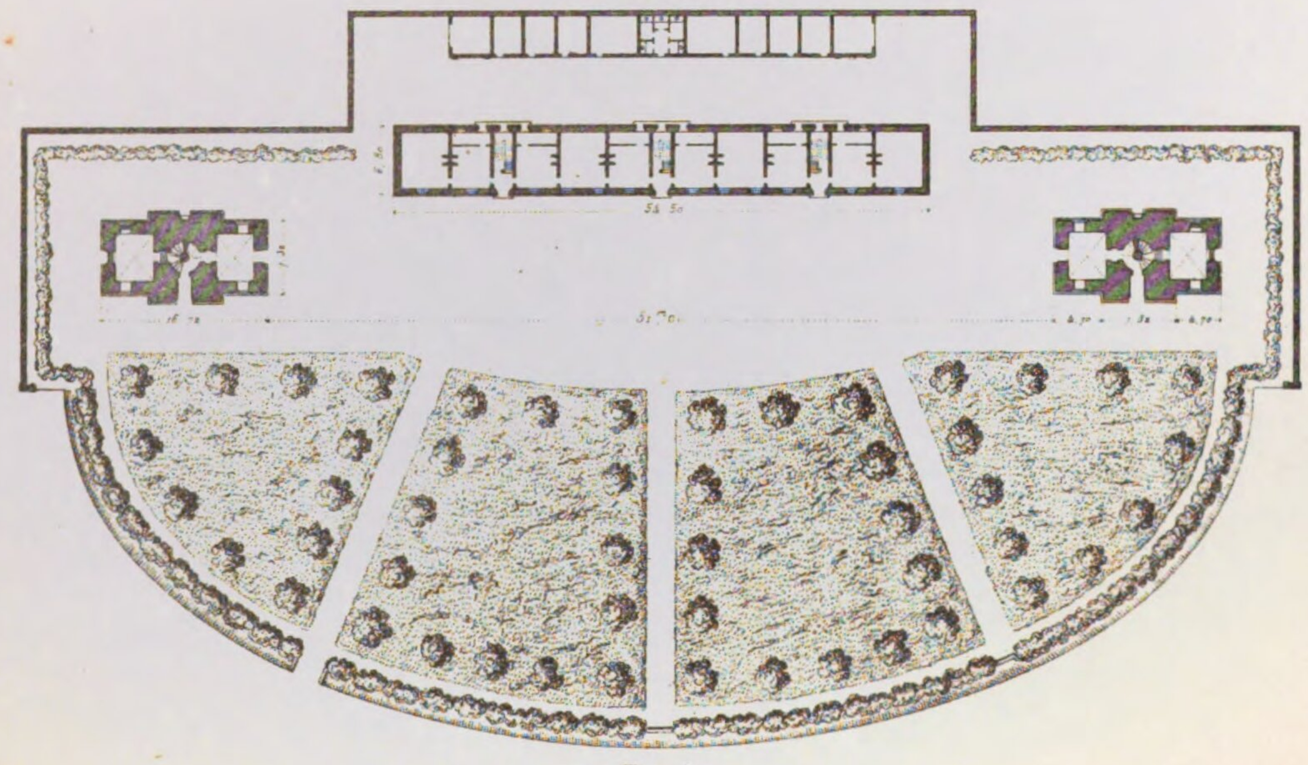


Fig. 4.

Echelle des Fig { 4 et 5 / 1 2 et 3 }

J. Sulpis sc.

PHARES DE LA HÈVE.

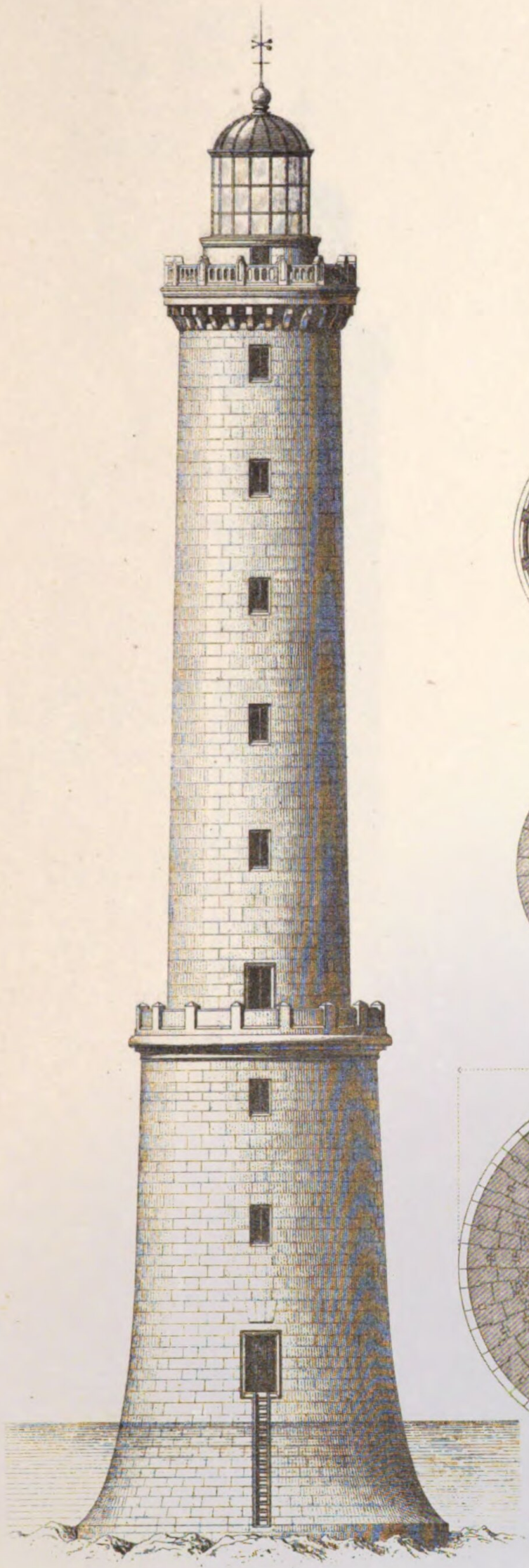


Fig. 1.

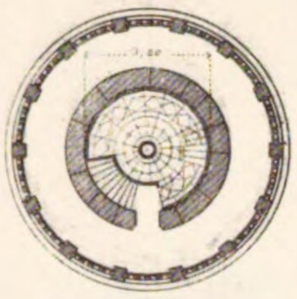


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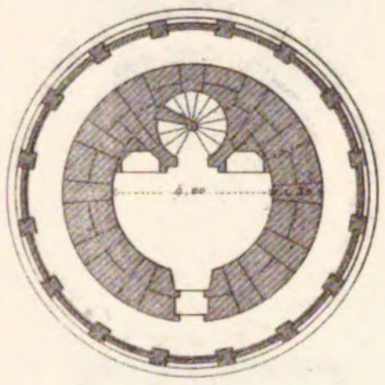


Fig. 5.

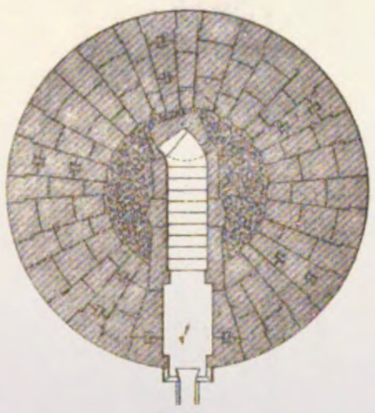


Fig. 4.

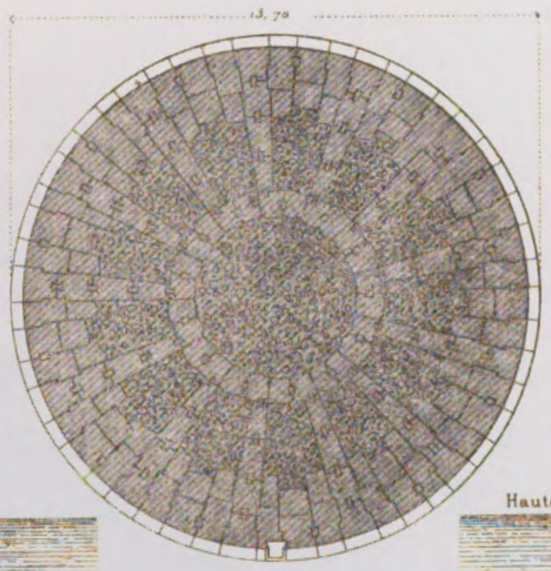


Fig. 3.

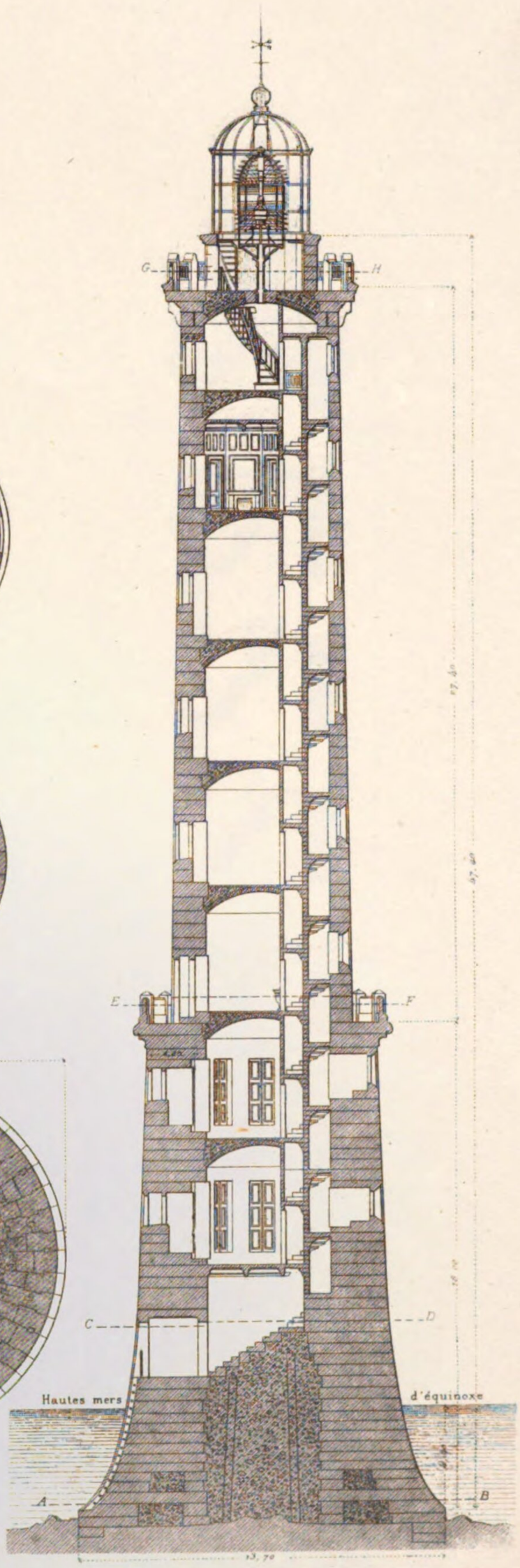


Fig. 2.

Échelle de 0 1 2 3 4 5 6 7 8 9 10 Mètres.

J. Sulpis sc

PHARE DE BREHAT.

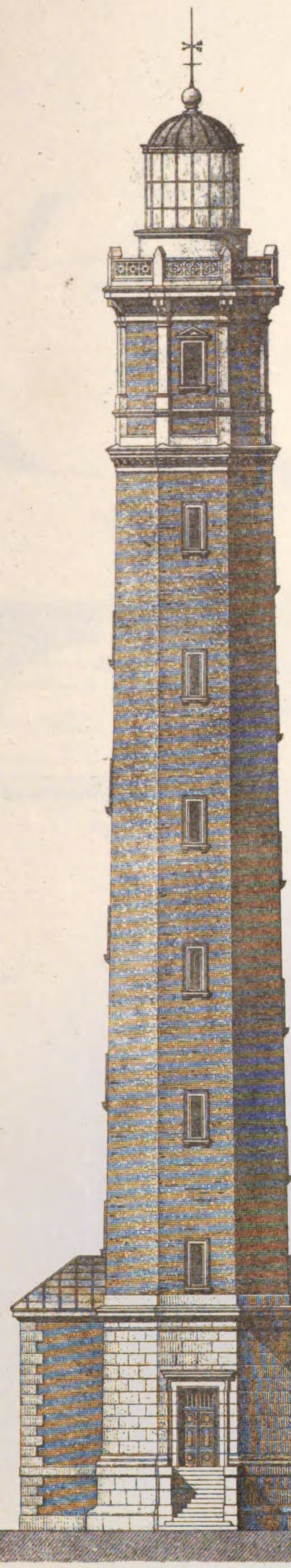


Fig. 1.

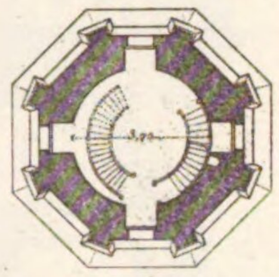


Fig. 5.

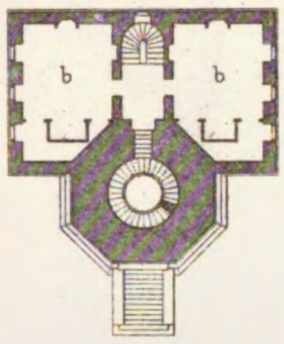


Fig. 4.

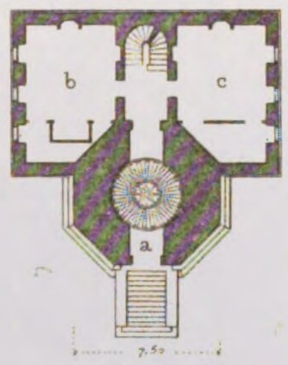


Fig. 3.

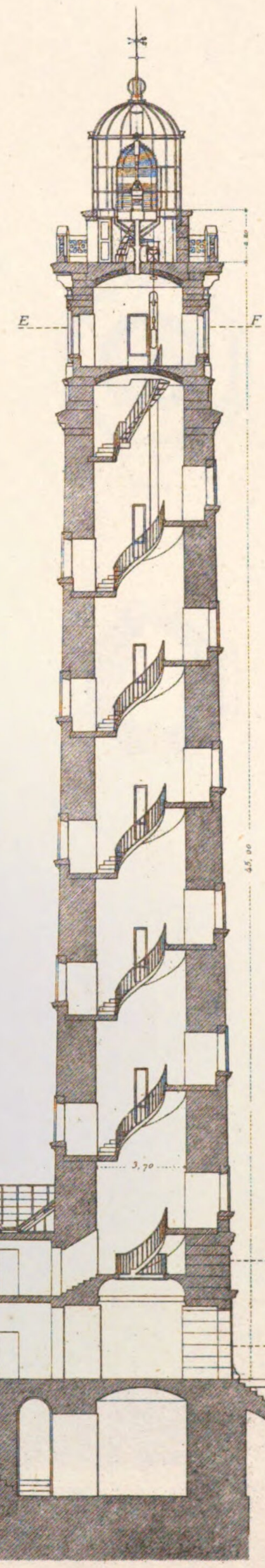


Fig. 2.

Echelle des Fig { 1. 2 et 5 / 3 et 4. } 0 1 2 3 4 5 10 Mètres.

J. Sulpis sc

PHARE DE CALAIS.

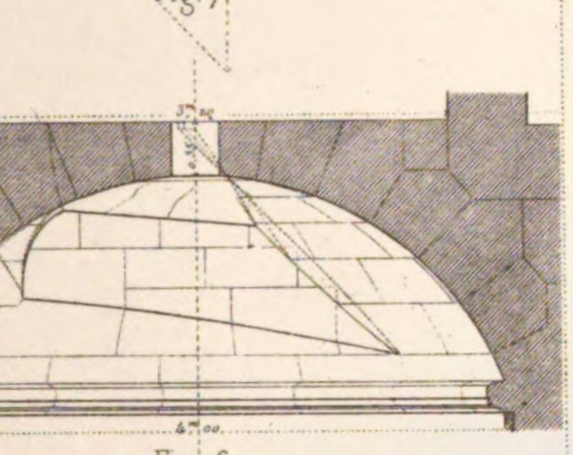


Fig. 8

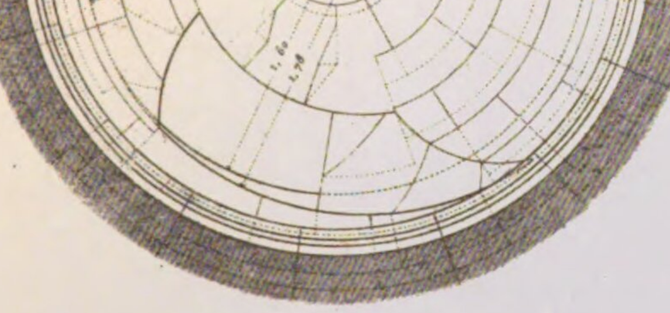


Fig. 7



Fig. 6.

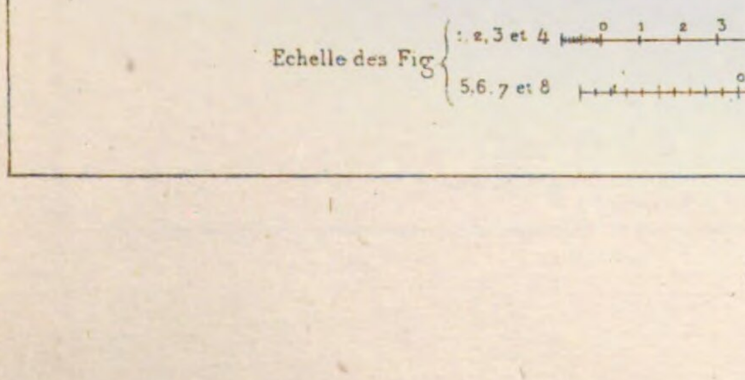


Fig. 5.

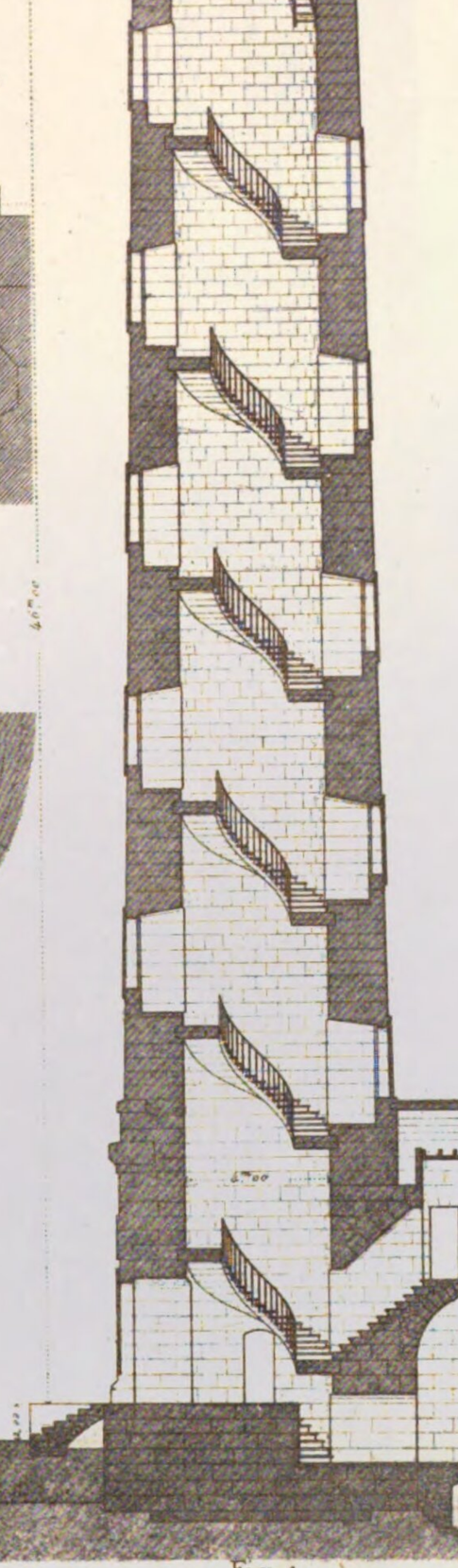


Fig. 1.

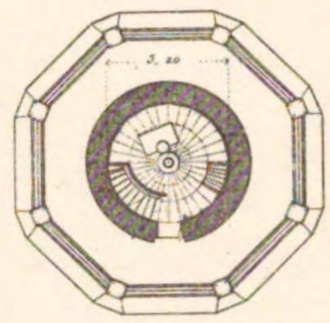


Fig. 4.

Fig. 3.

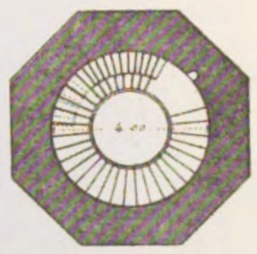


Fig. 2.

Echelle des Fig { 1, 2, 3 et 4 : 0 1 2 3 4 5 6 7 8 9 10 — 20 Mètres. ; 5, 6, 7 et 8 : 0 1 2 3 — 4 Mètres. }

J. Sulpis sc.

PHARE DES BALEINES.

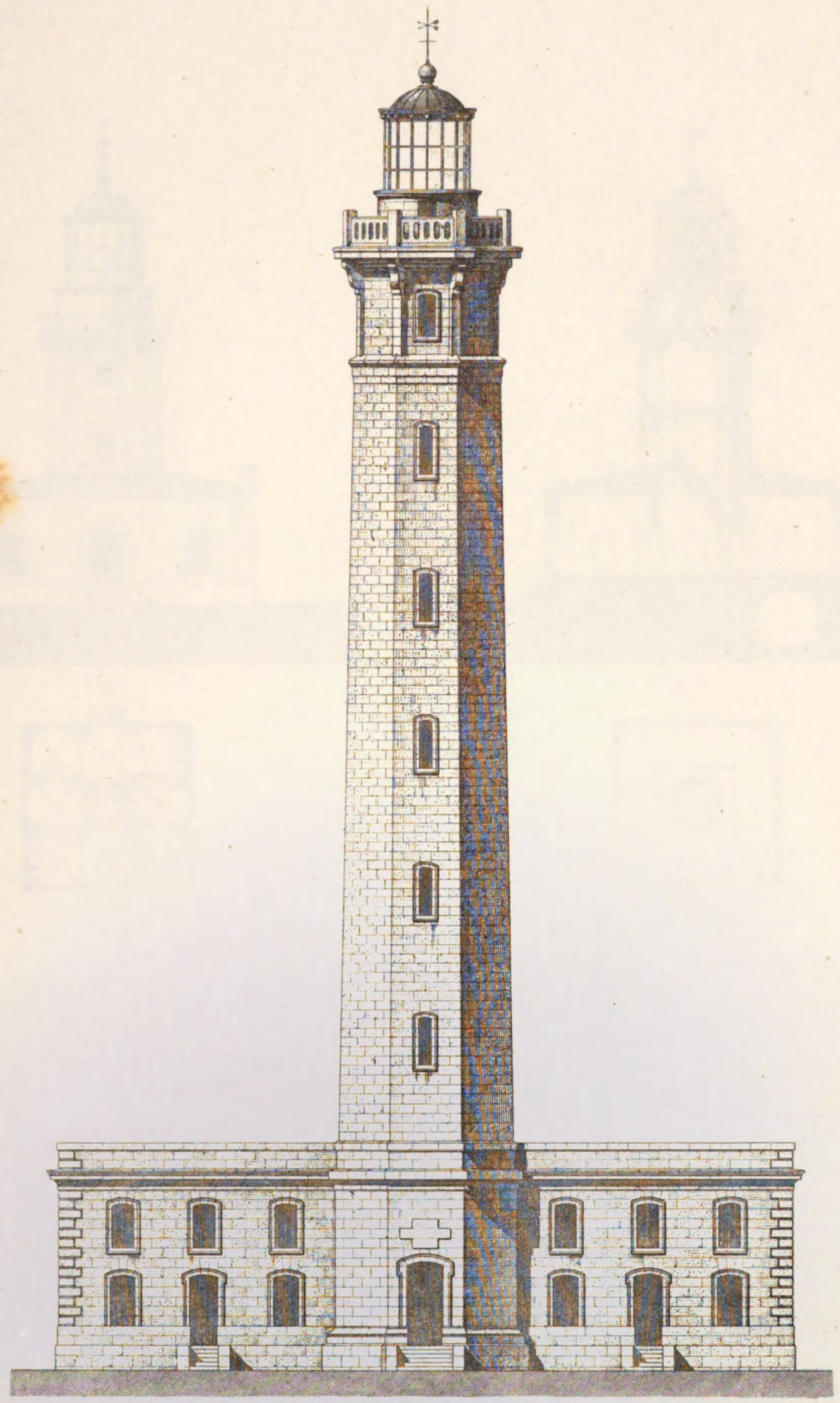


Fig. 2.

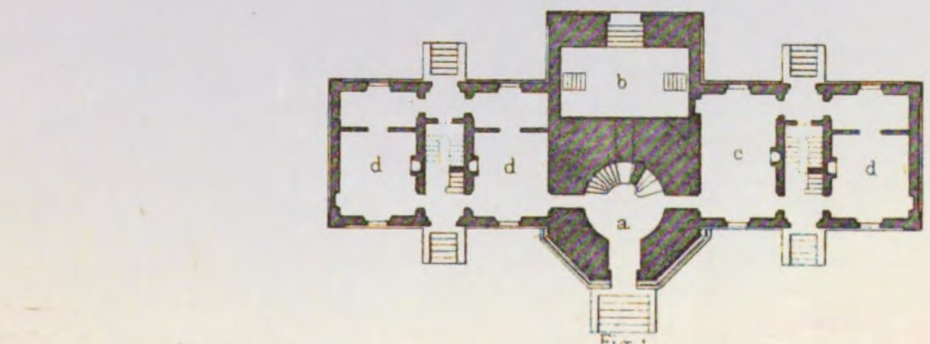
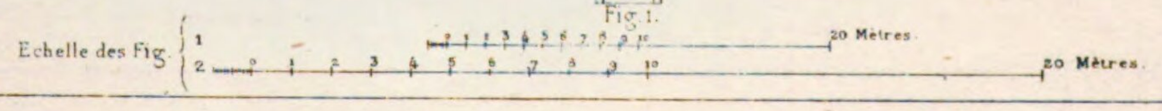


Fig. 1.



J. Sulpis sc.

PHARE DES BALEINES.

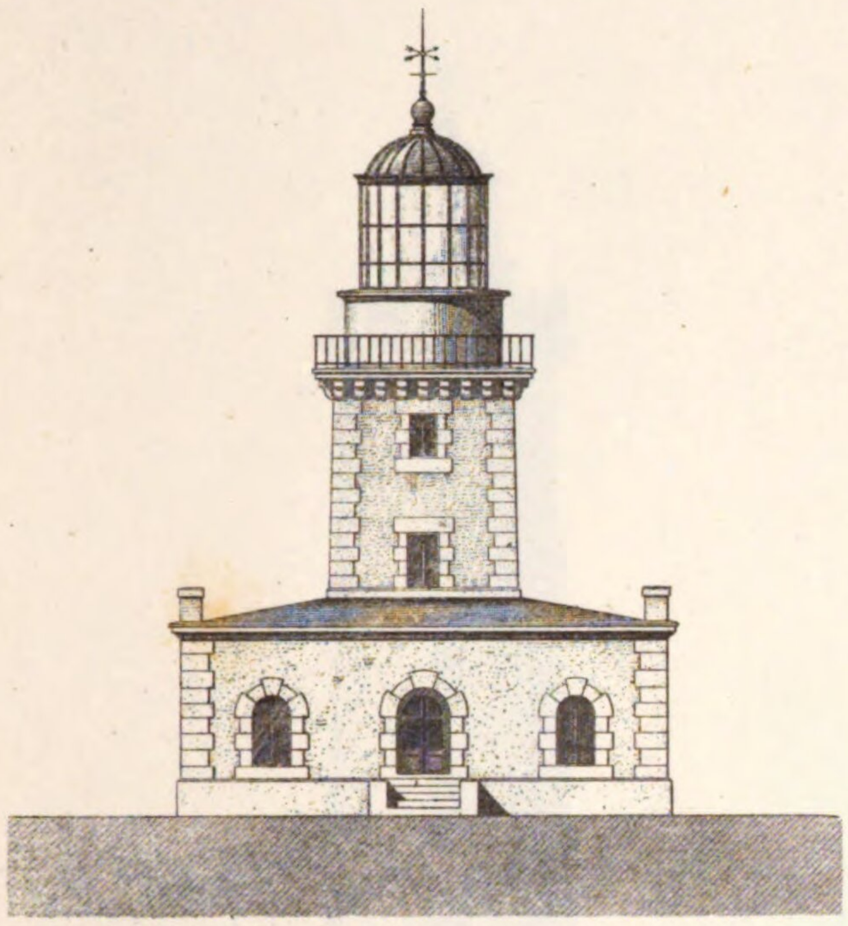


Fig. 1.

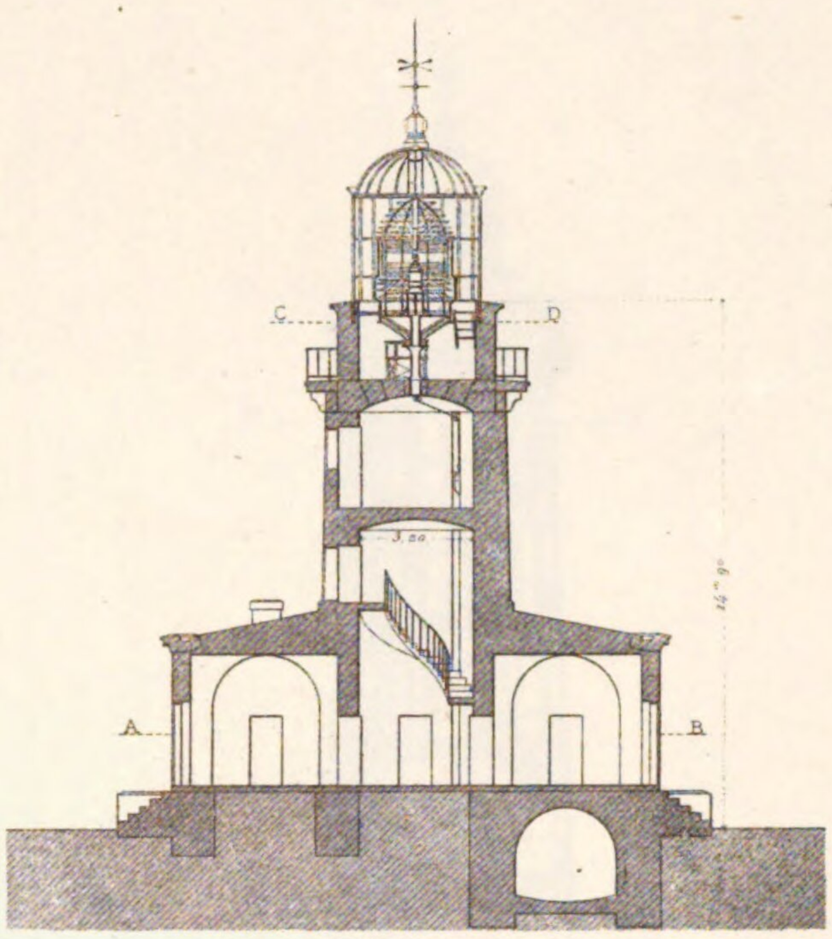


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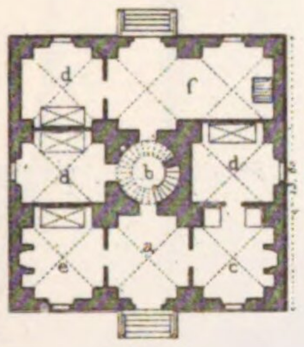


Fig. 3.

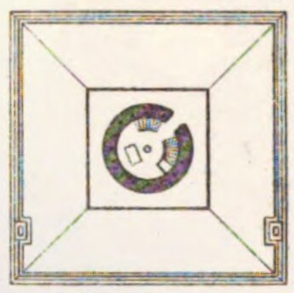


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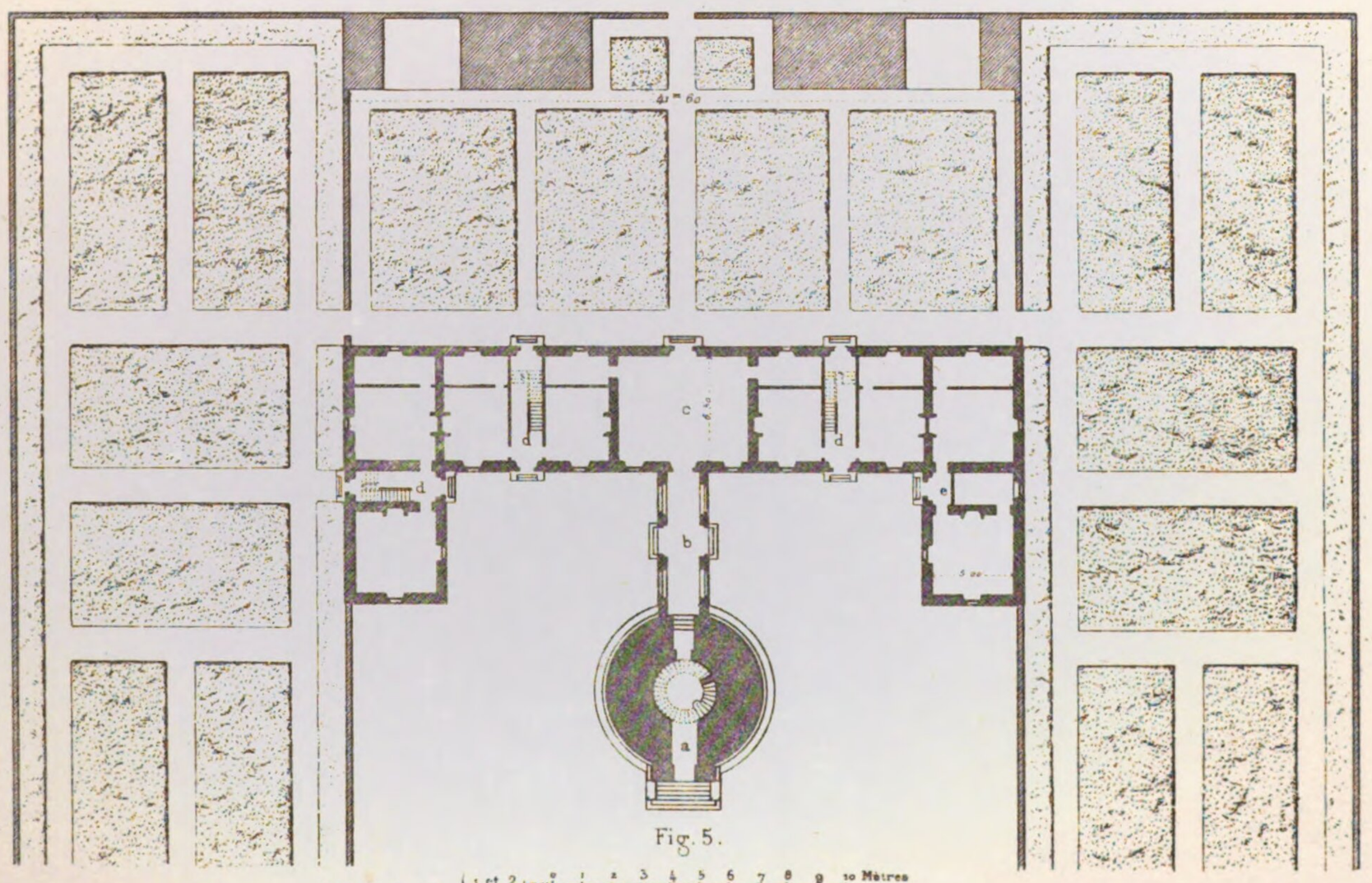


Fig. 5.

Echelle des Fig { 1 et 2 0 1 2 3 4 5 6 7 8 9 10 Mètres
3, 4 et 5 0 1 2 3 4 5 10 15 Mètres

J. Sulpis sc.

PHARE DE PORTO-VECCHIO — PHARE D'OUESSANT.

Fig. 1 à 4. Fig. 5

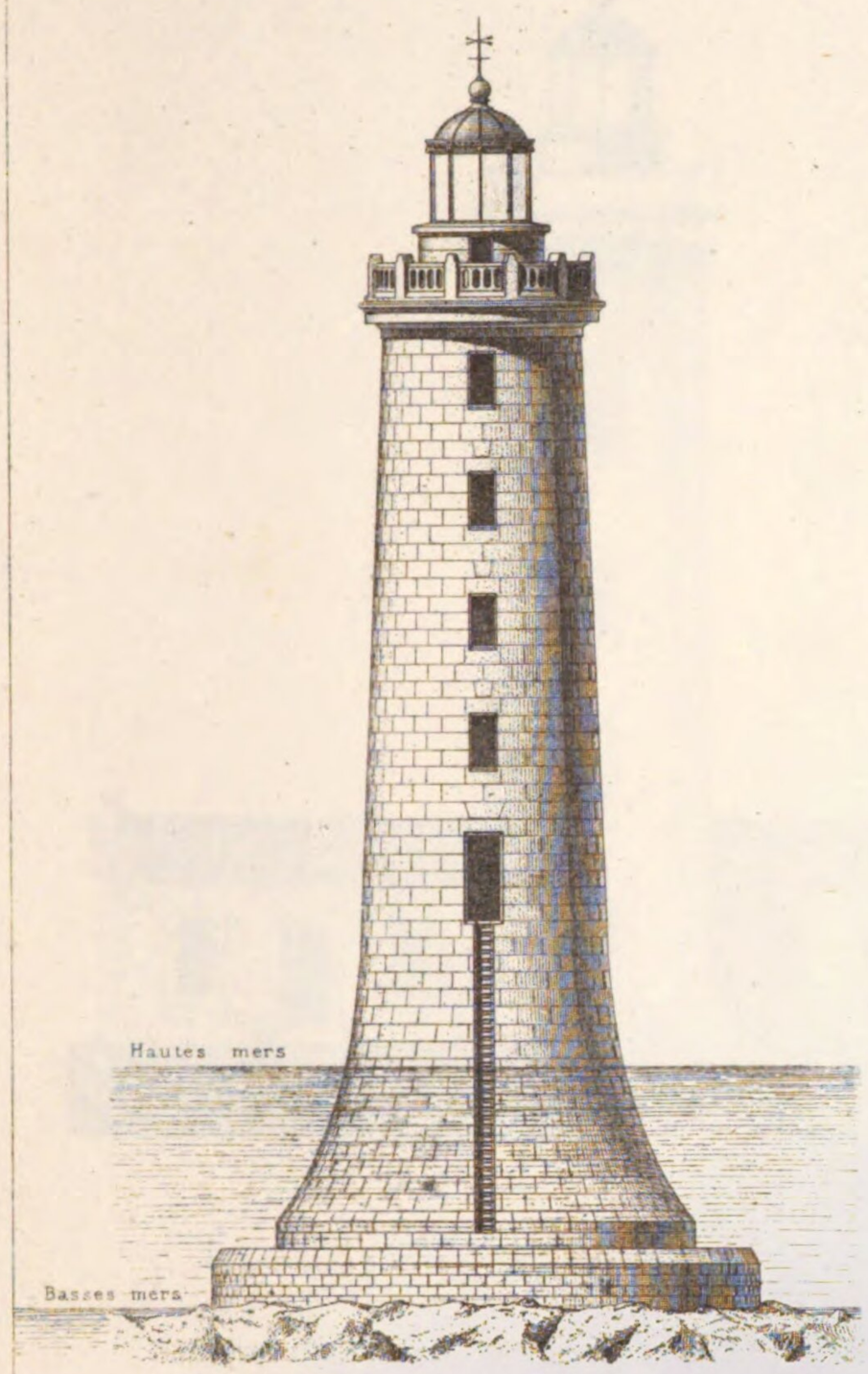


Fig. 1.

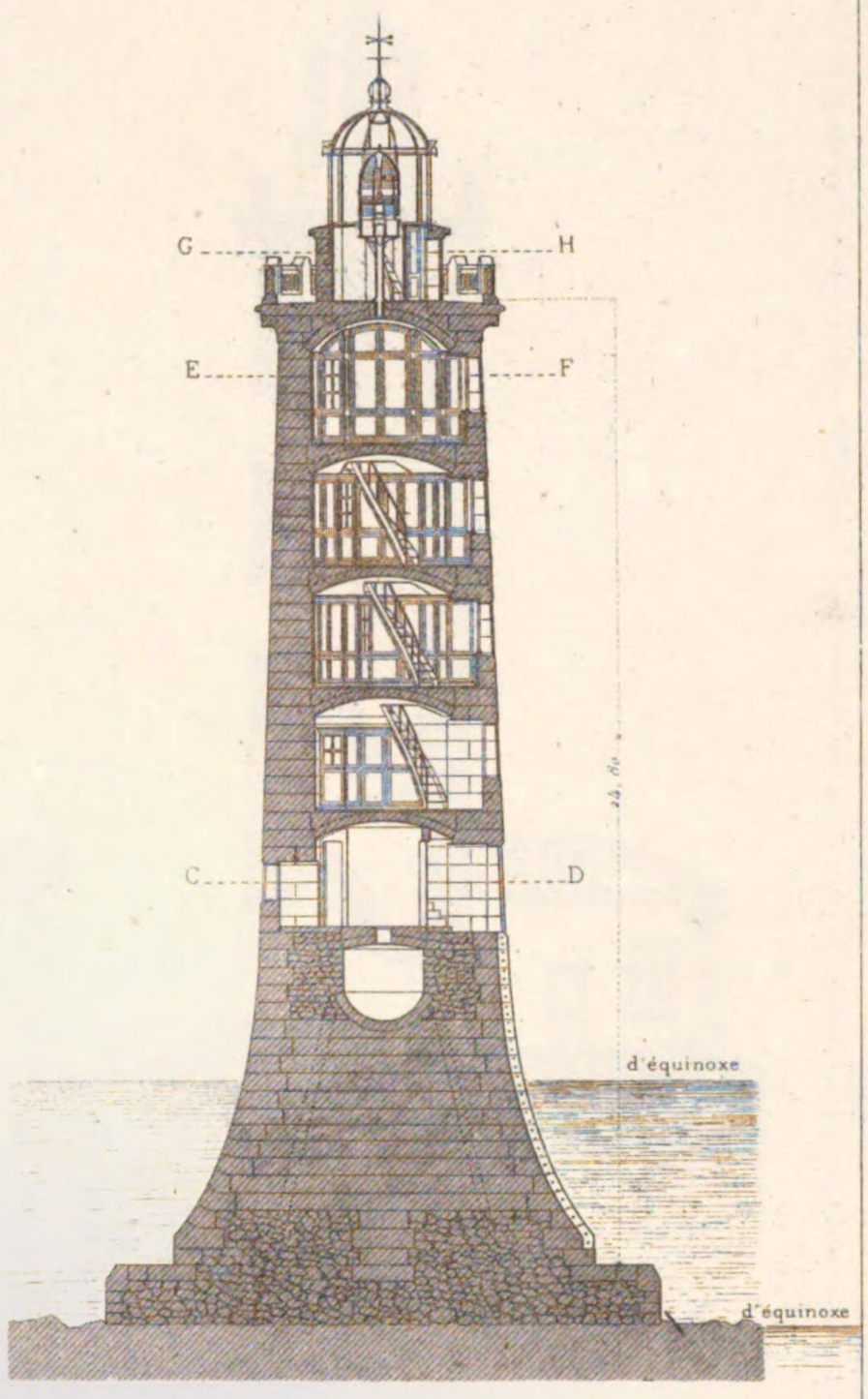


Fig. 2.

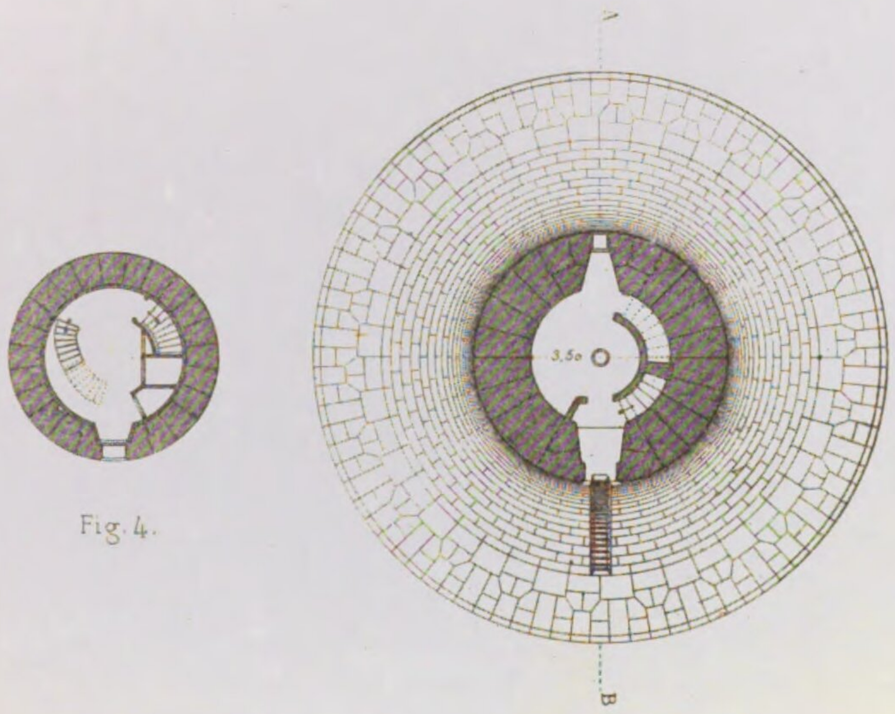


Fig. 3.

Fig. 4.

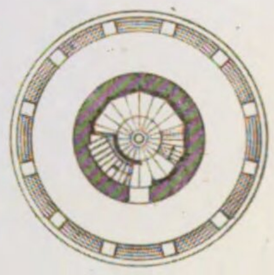


Fig. 5.

0 1 2 3 4 5 10 20 Mètres.

Aug.te Dénéchaux del. J. Sulpis sc.

PHARE DU HAUT-BANC DU NORD.

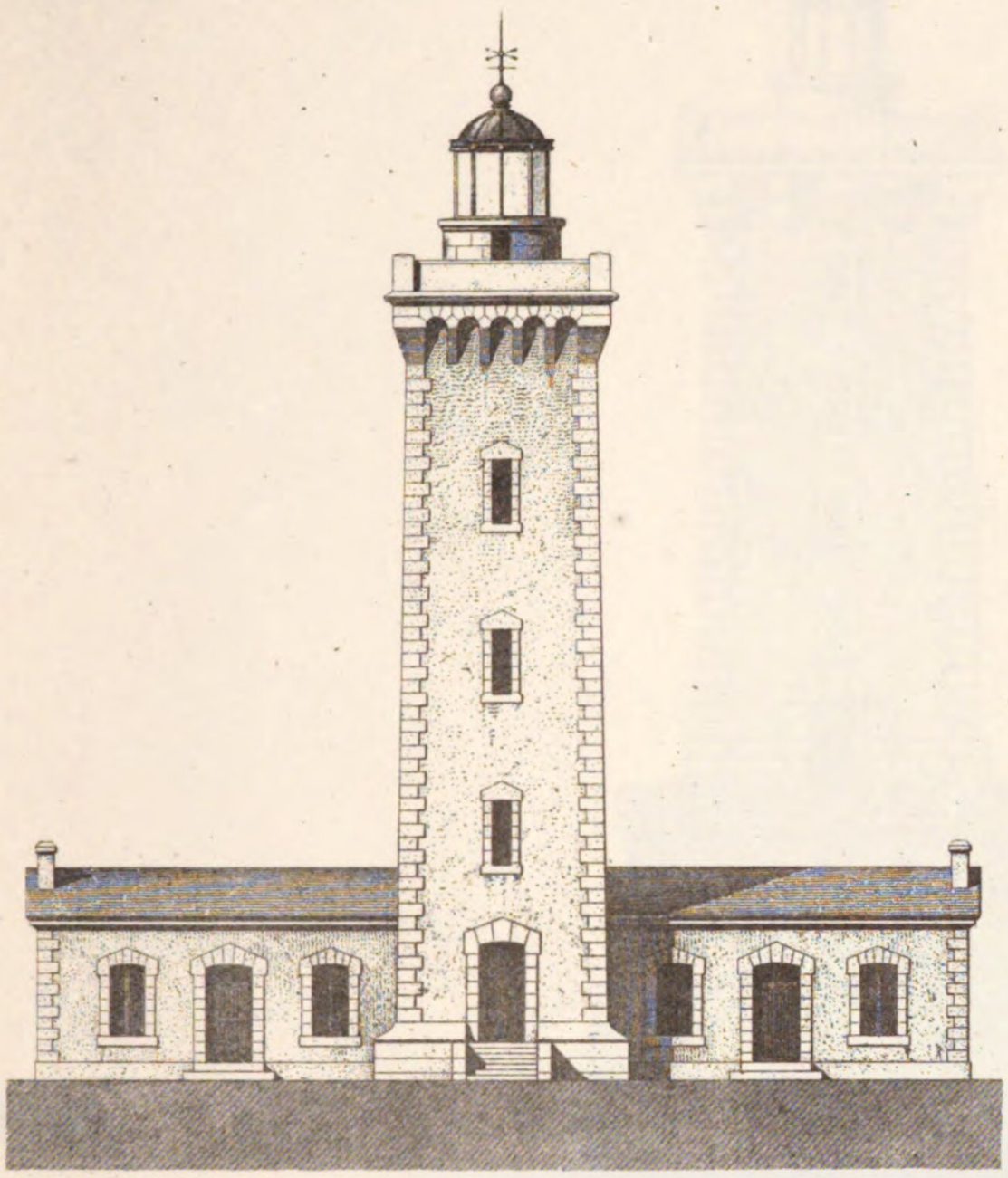


Fig. 1.

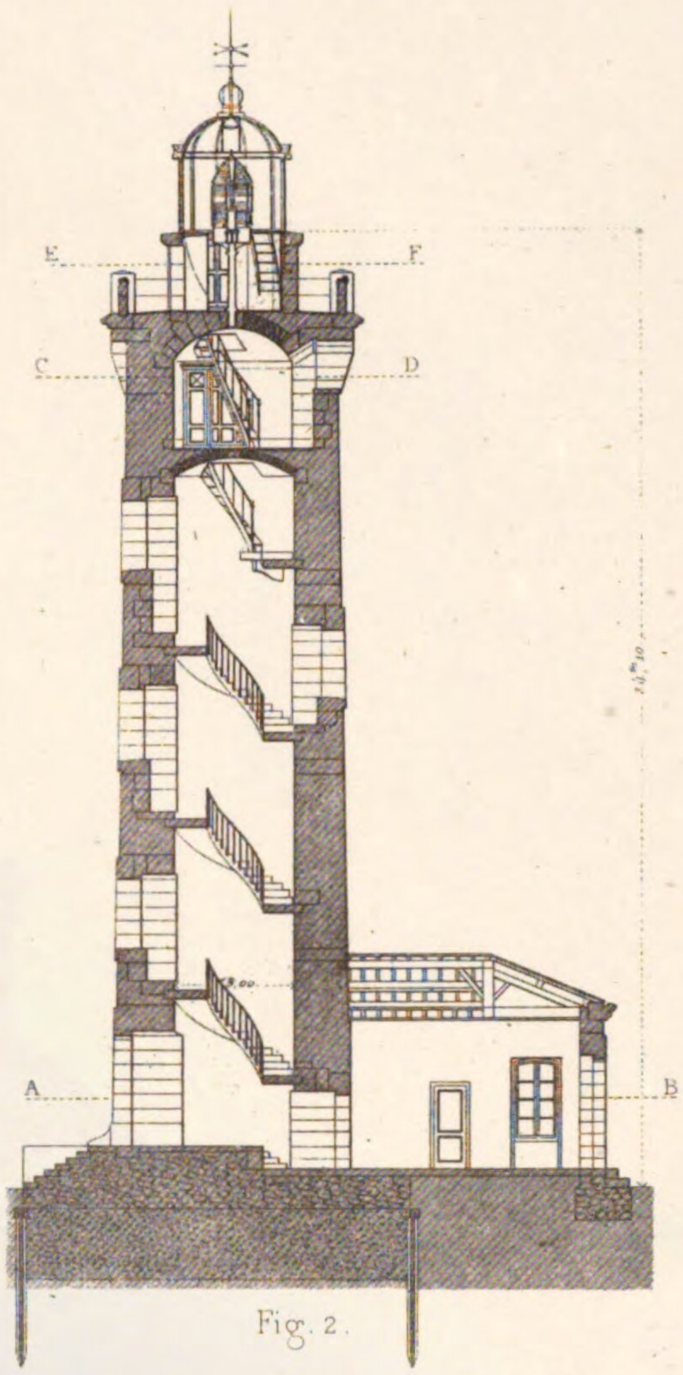


Fig. 2.



Fig. 4.

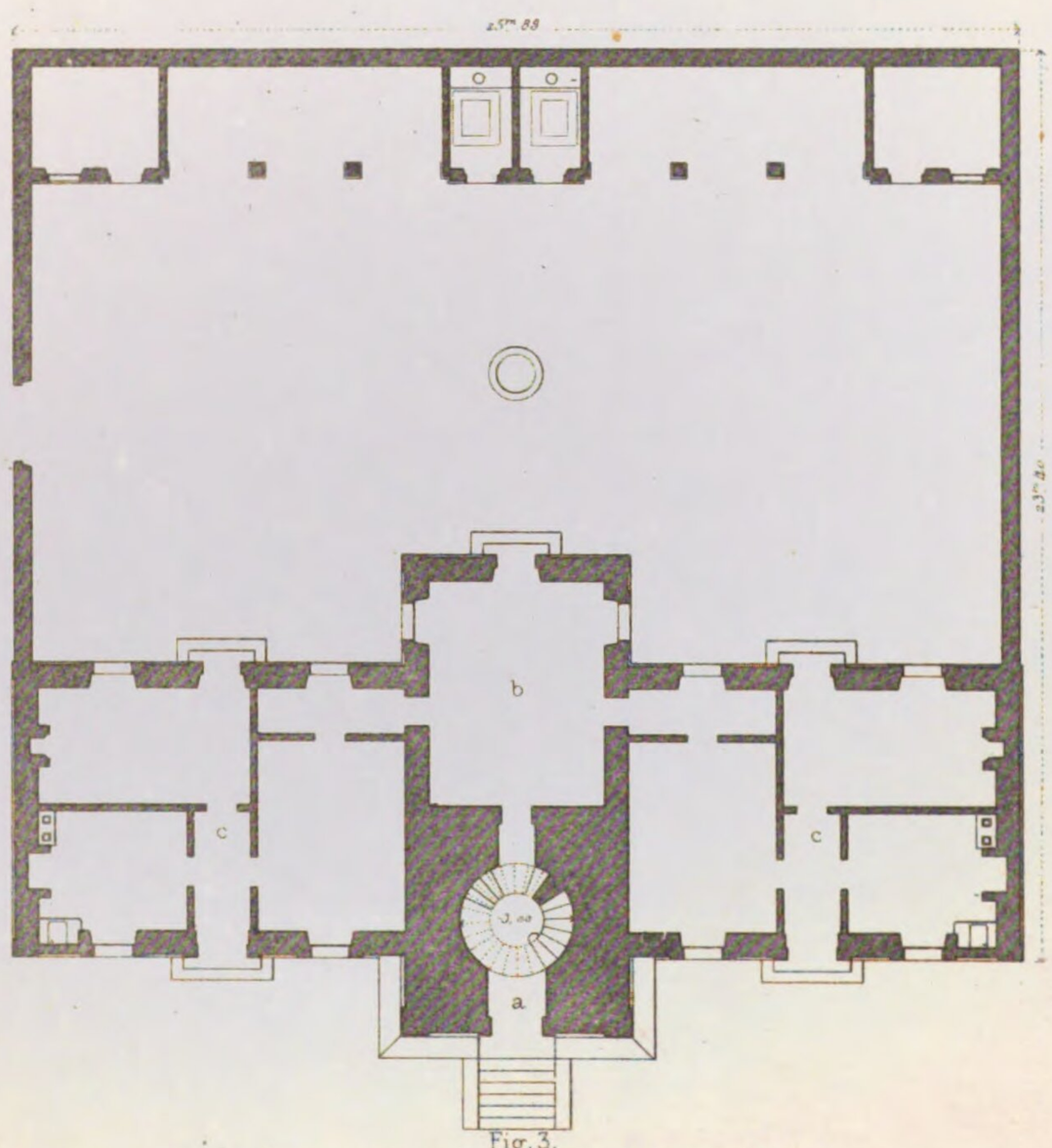


Fig. 3.

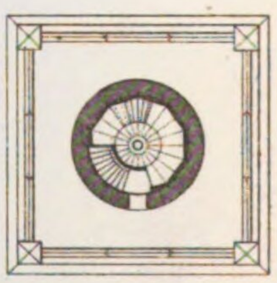


Fig. 5.

Echelle de 0 1 2 3 4 5 6 7 8 9 10 Mètres.

J. Sulpis sc

PHARE DE GRAVE.

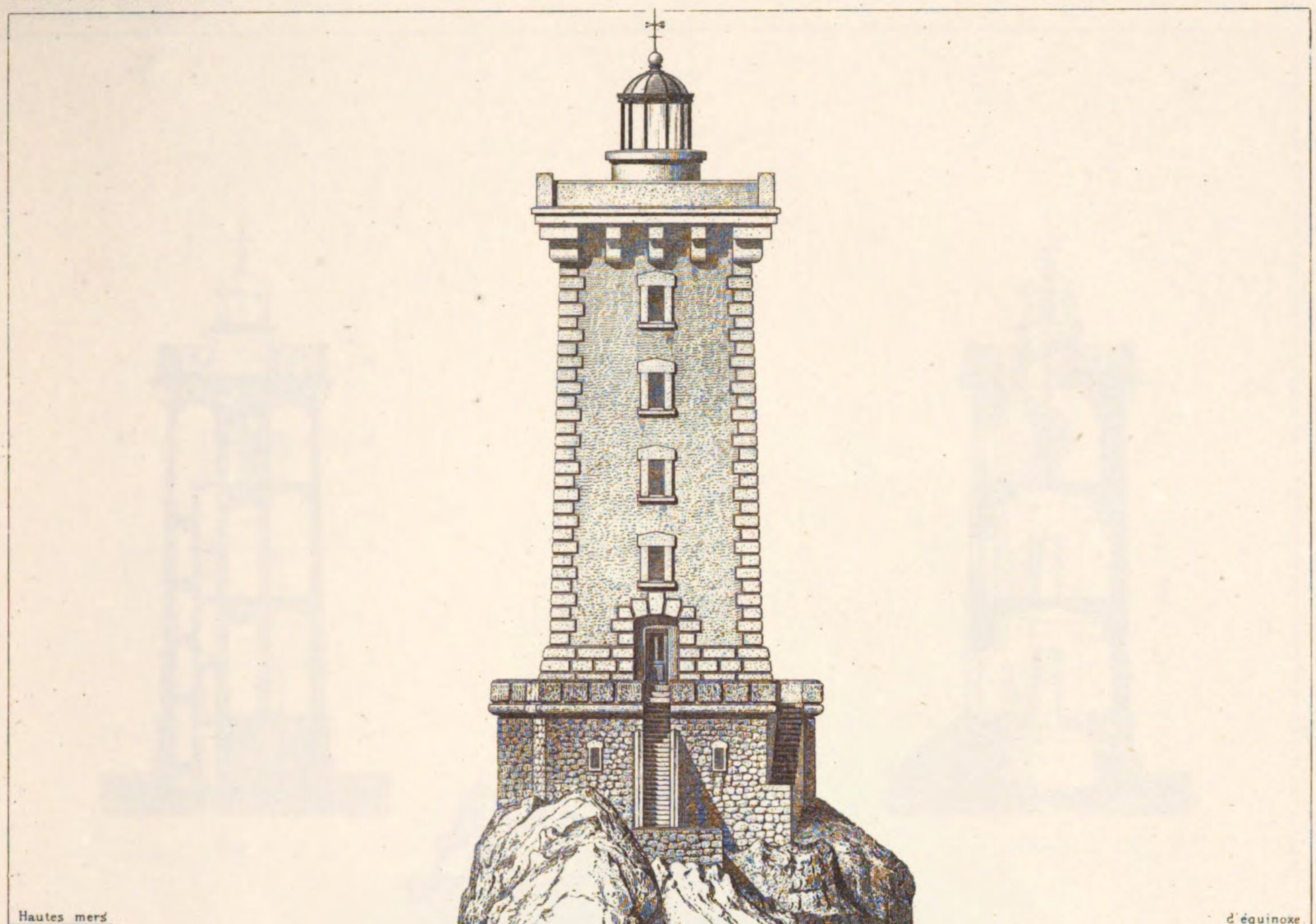


Fig. 1.

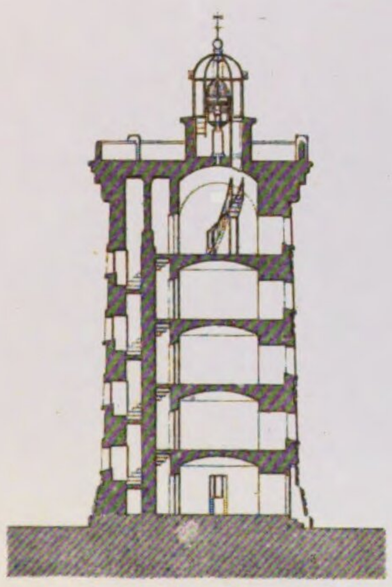


Fig. 3.

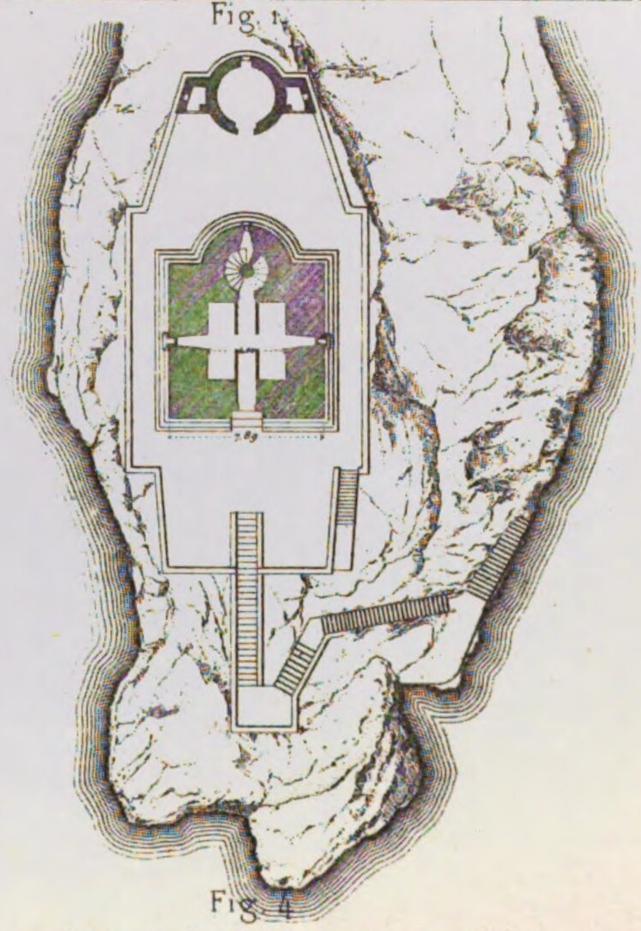


Fig. 4.

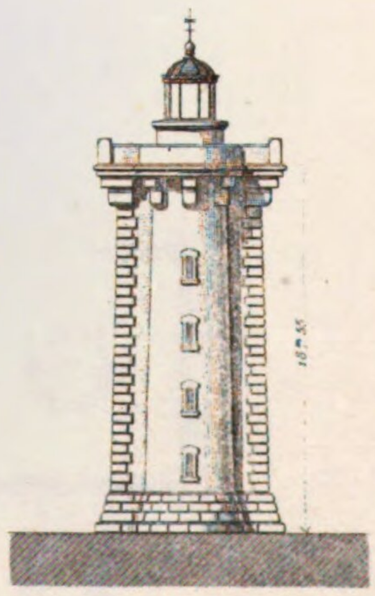


Fig. 2.

Echelle des Fig { 1 — 10 Metres. ; 2, 3 et 4 — 20 Mètres.

J. Sulpis sc

PHARE DES TRIAGOZ.

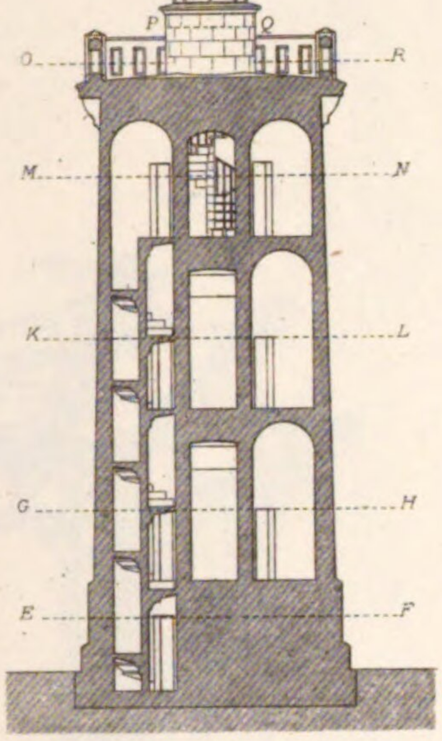


Fig. 2.

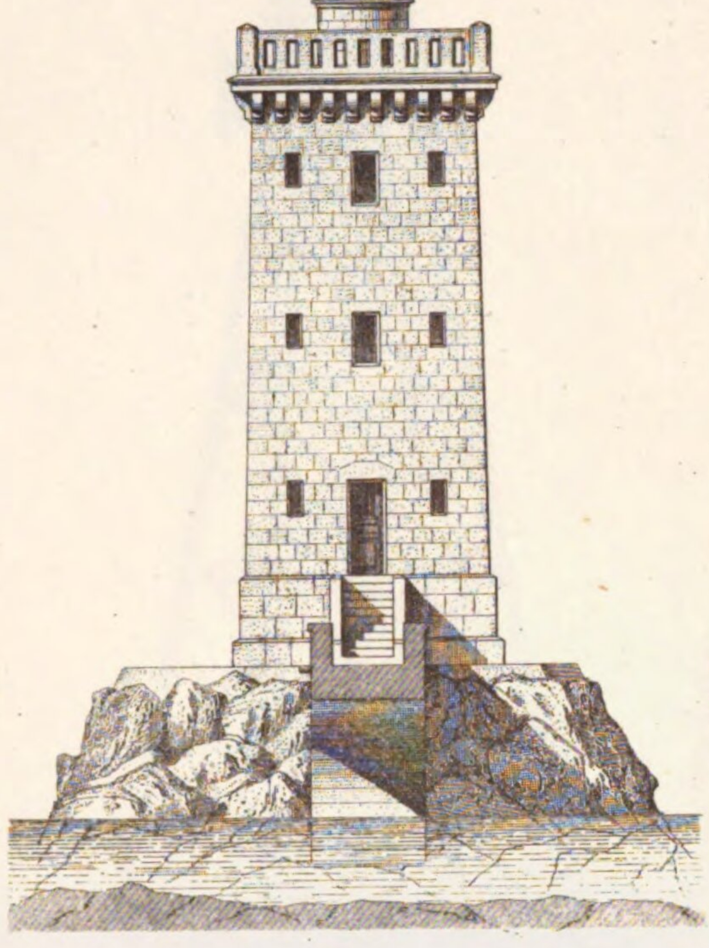


Fig. 1.

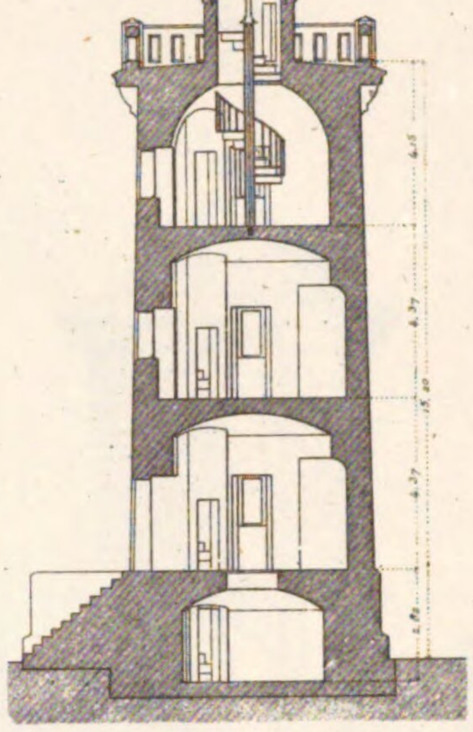


Fig. 3.

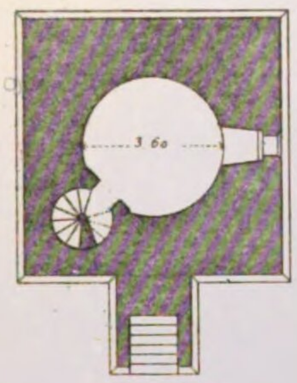


Fig 4

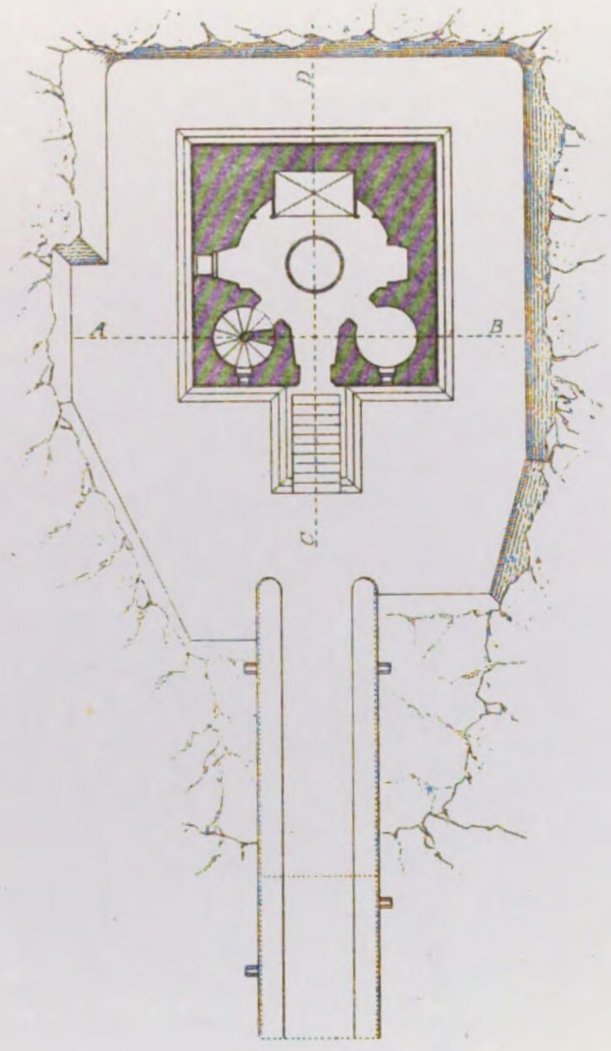


Fig. 5.

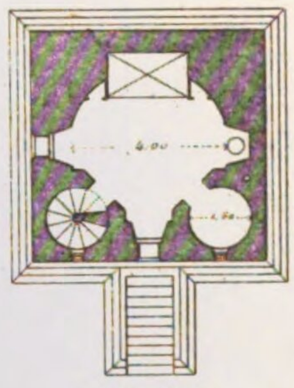


Fig 6

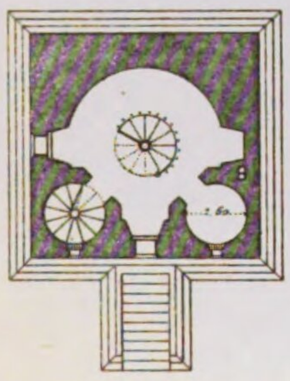


Fig. 7.

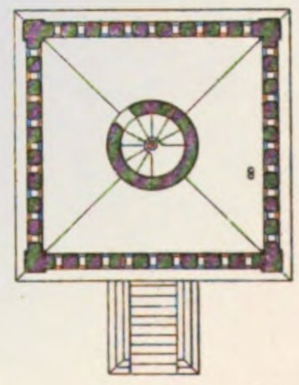


Fig. 8.

Echelle de 0 1 2 3 4 5 6 7 8 9 10 Mètres

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PHARE DE KERMORVAN.

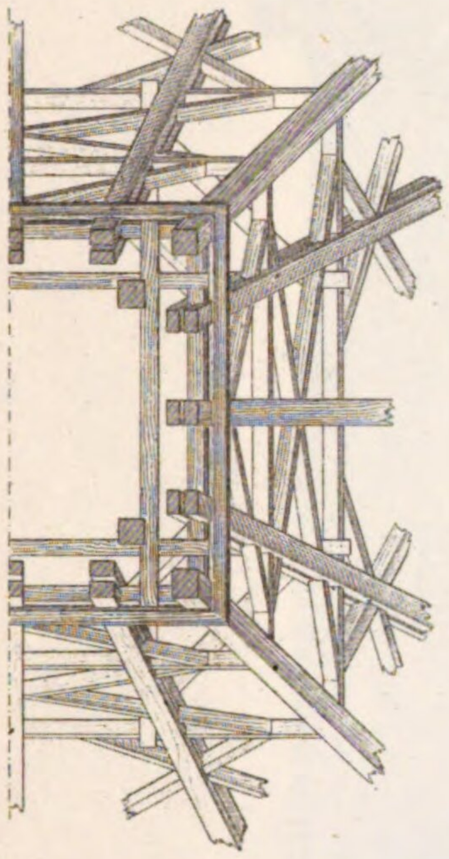


Fig. 4.

Fig. 2.

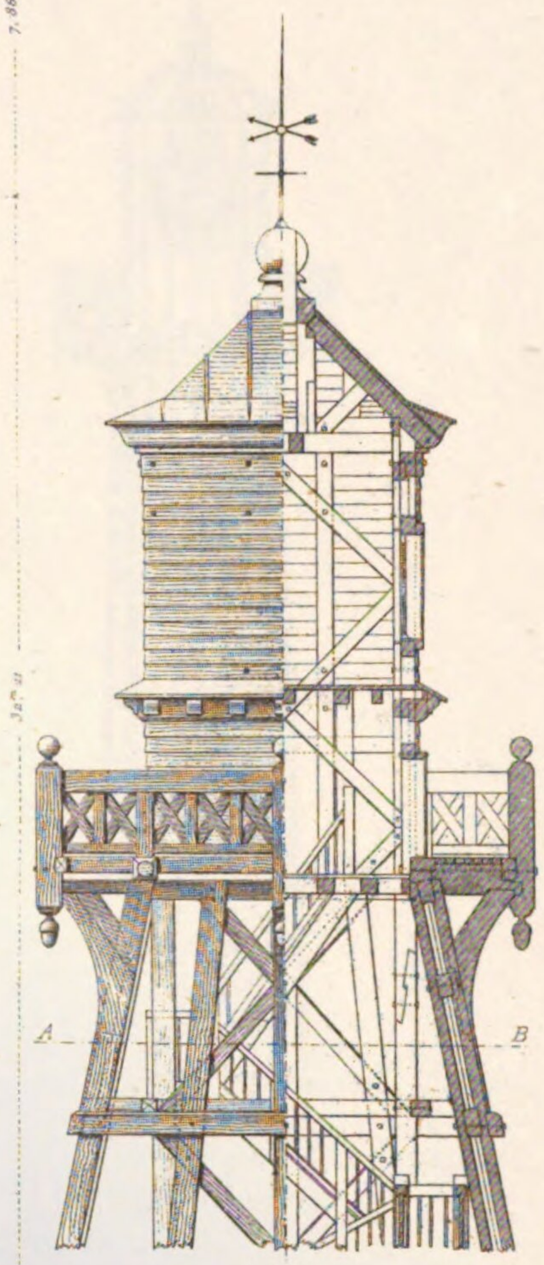


Fig. 3.

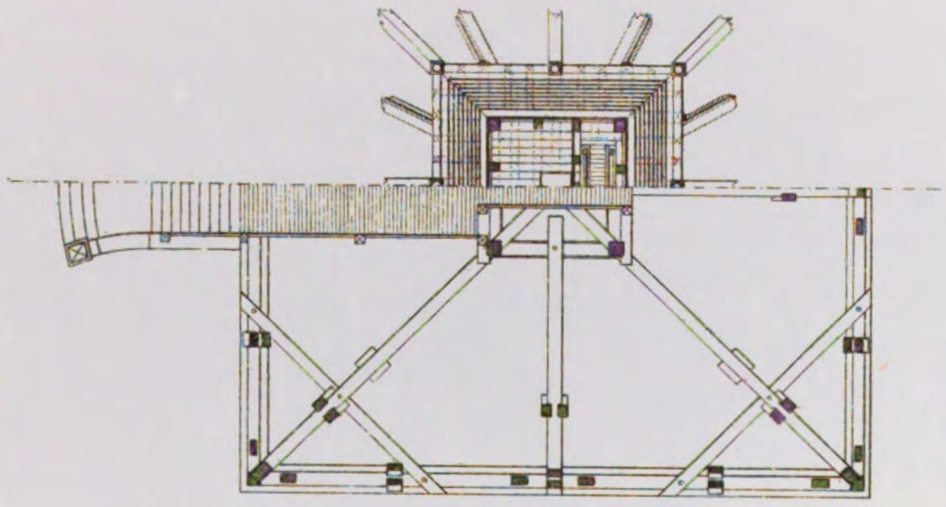


Fig. 1.

Échelle des Fig { 1 et 2 : 0 1 2 3 4 5 10 — 20 Mètres. ; 3 et 4 : 0 1 2 3 4 5 — 10 Mètres.

J. Sulpis sc.

PHARE DE PONTAILLAC.

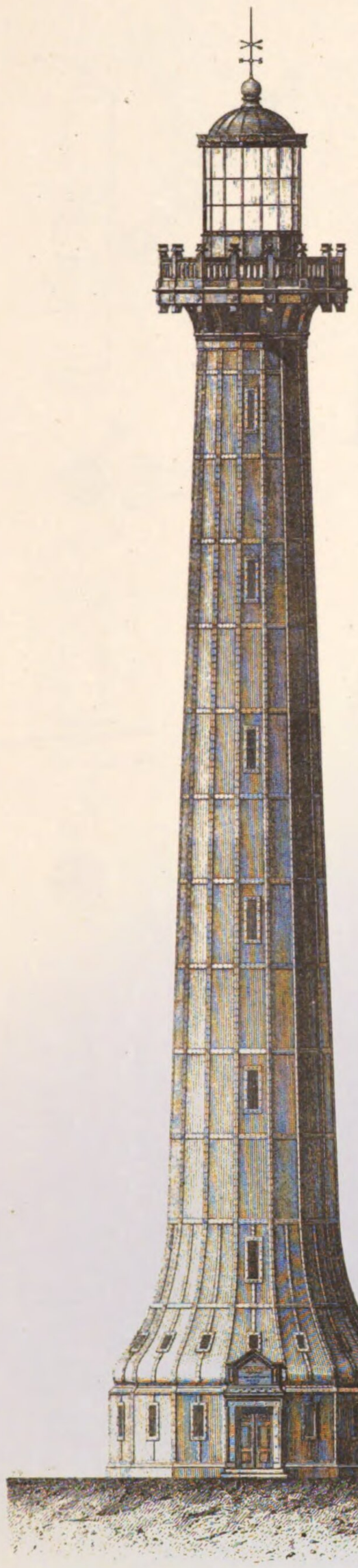


Fig. 1.

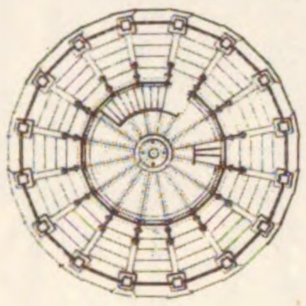


Fig. 5.

Fig. 4.

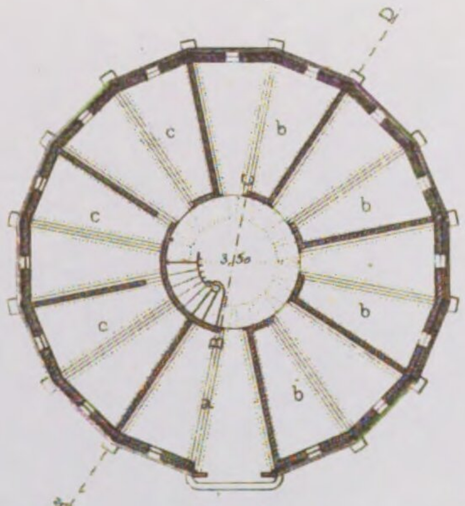


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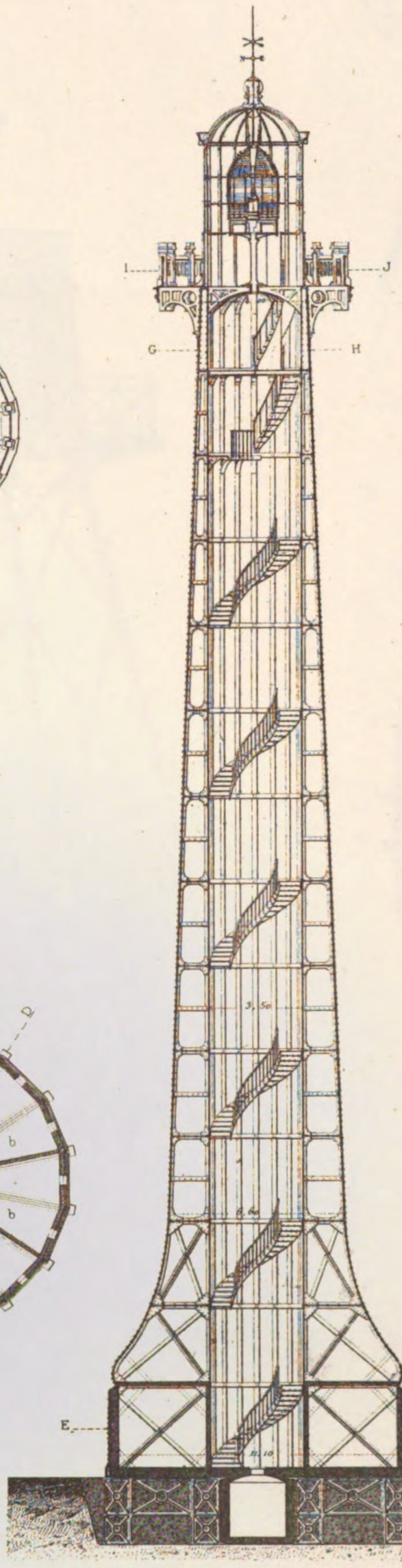


Fig. 2.

Echelle de 0 1 2 3 4 5 10 Mètres.

Sas Bertin del. J. Sulpis sc.

PHARE DE LA NOUVELLE CALÉDONIE.

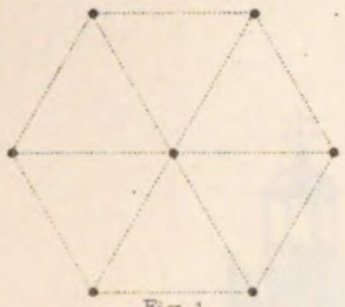


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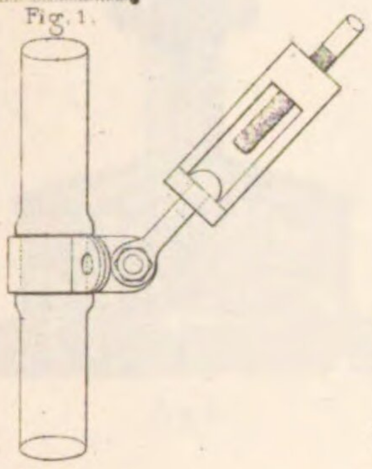


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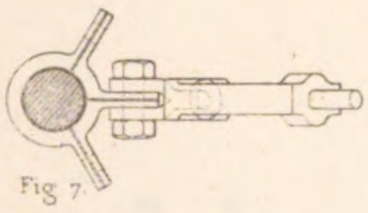


Fig 7

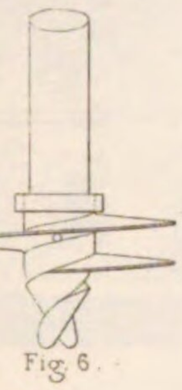


Fig. 6.



Fig. 4.

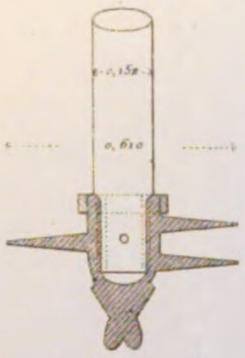


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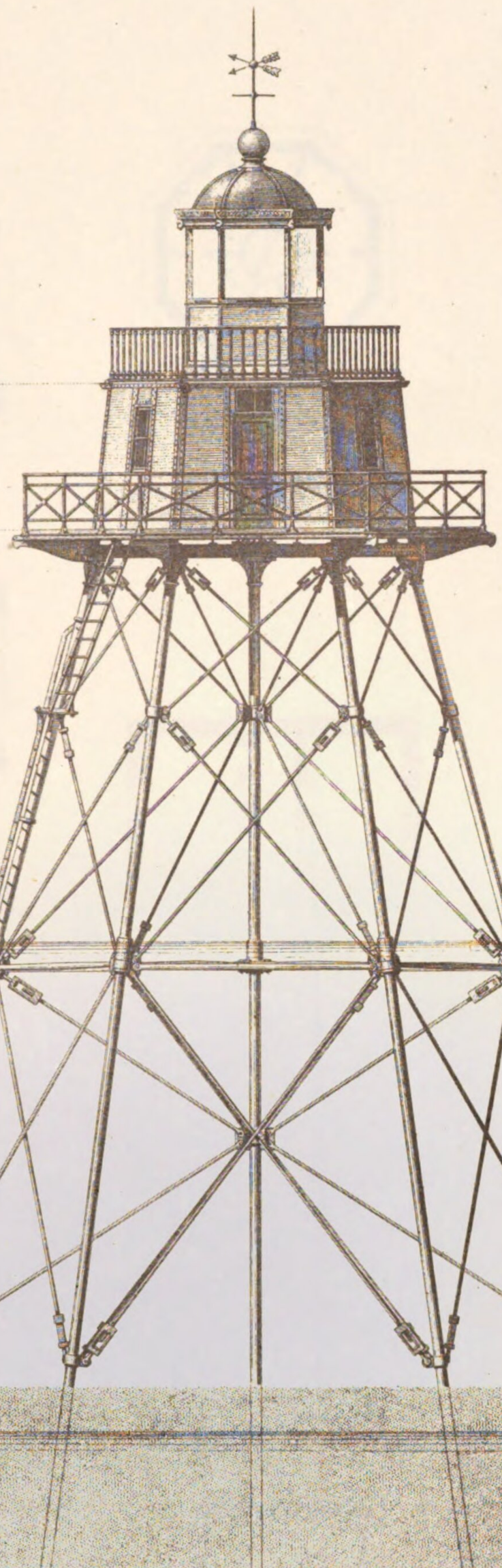


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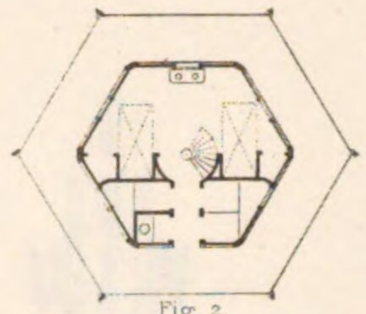


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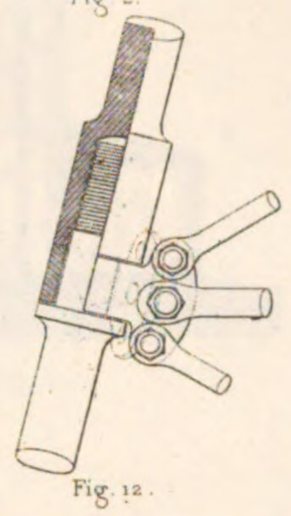


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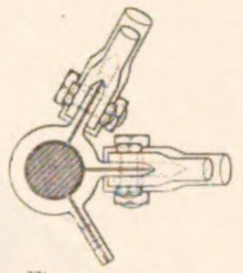


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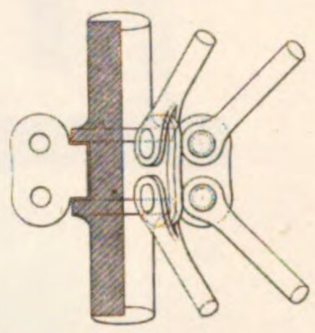


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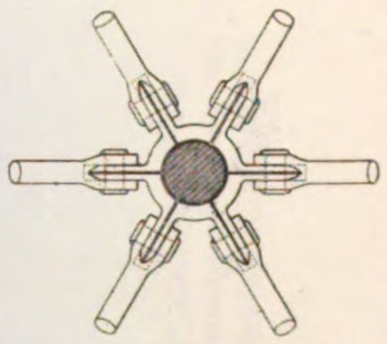


Fig. 9

Echelle { des Détails — 1 Mètre. / de l'Elévation — 0 1 2 3 4 5 6 7 8 9 10 Mètres.

J. Sulpis sc

PHARE DE WALDE.

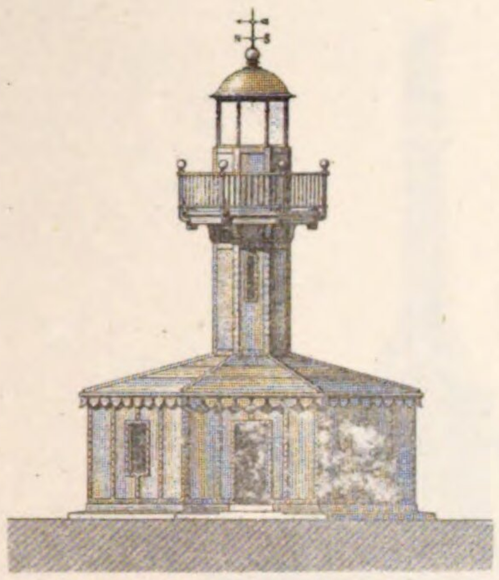


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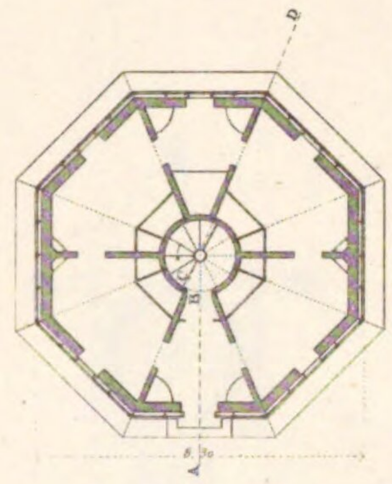


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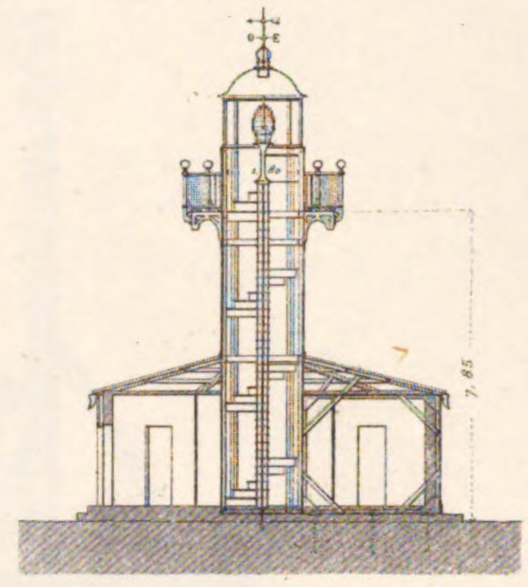


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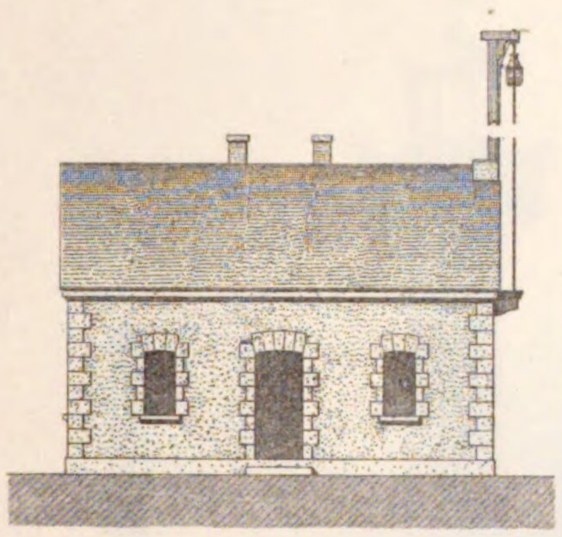


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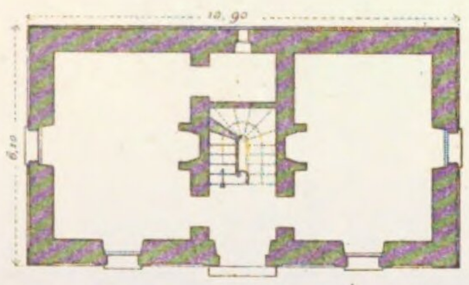


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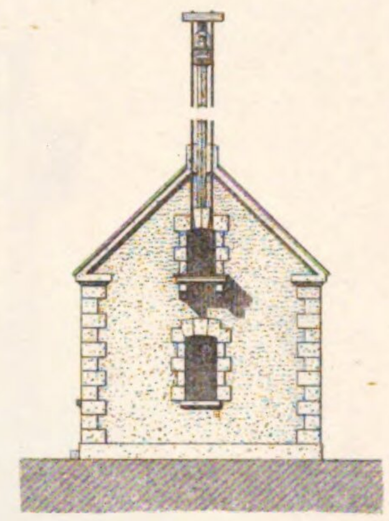


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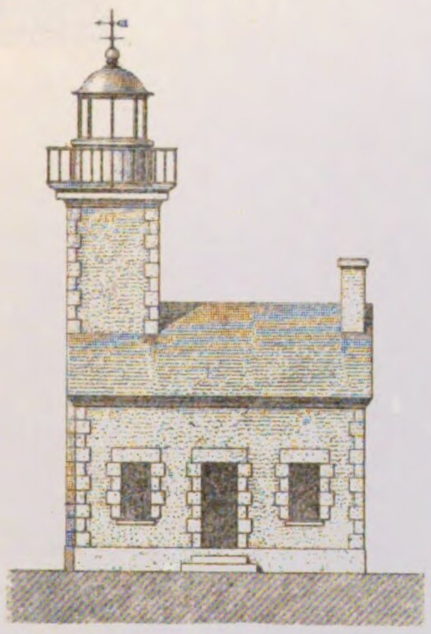


Fig. 1.

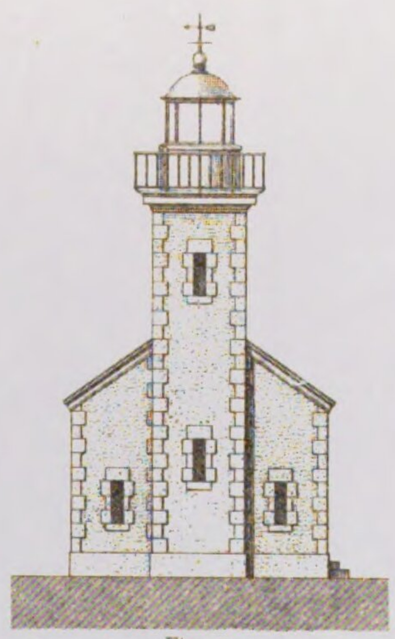


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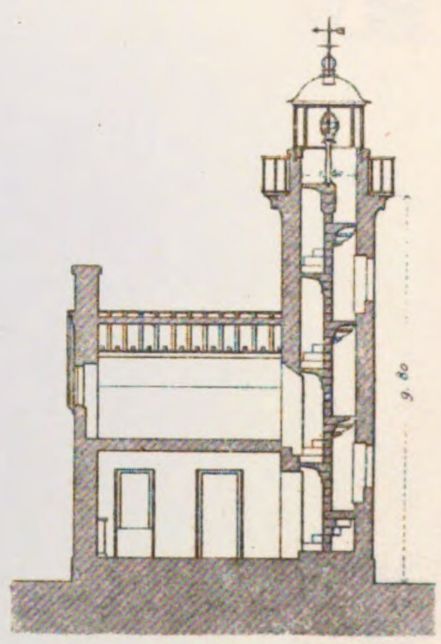


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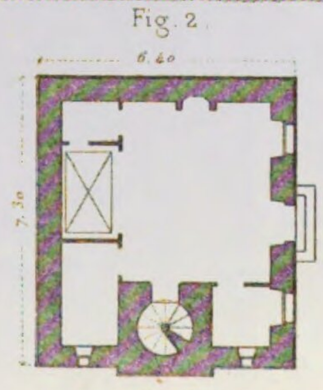


Fig. 4.

Echelle de 0 1 2 3 4 5 10 15 Mètres.

Aug^te Dénéchaux del. J. Sulpis sc

FANAUX AVEC LOGEMENTS.

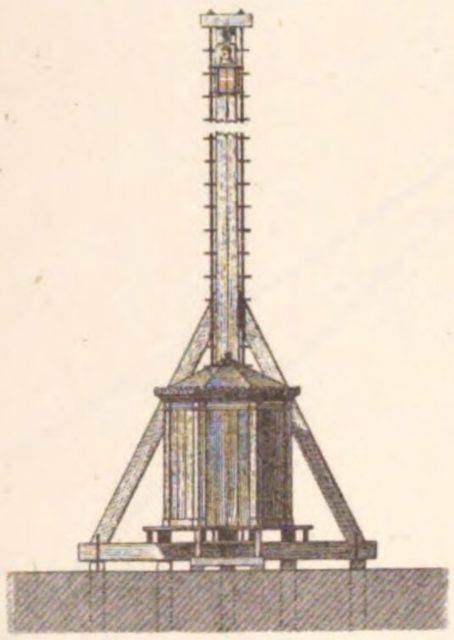


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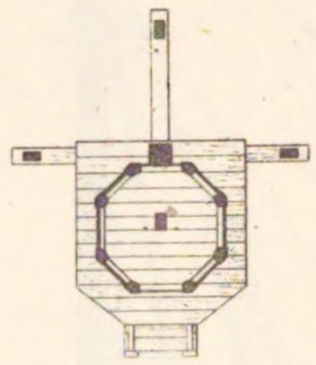


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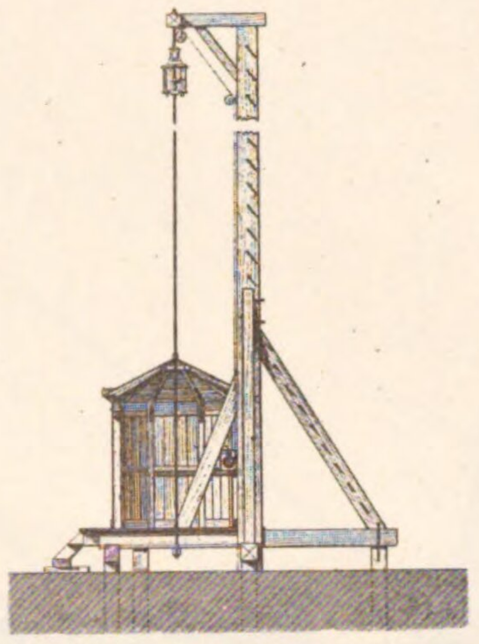


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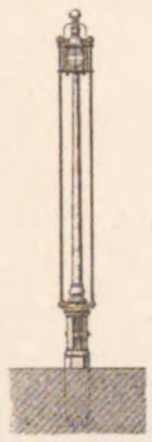


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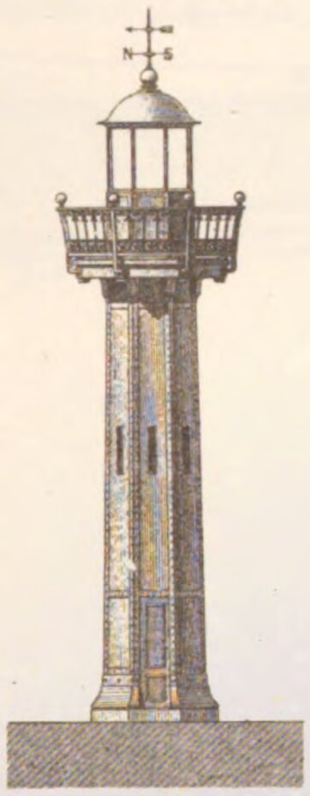


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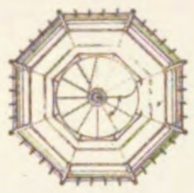


Fig. 8.



Fig. 7

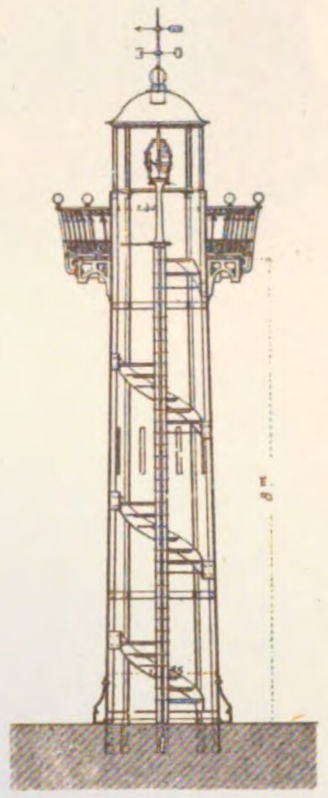


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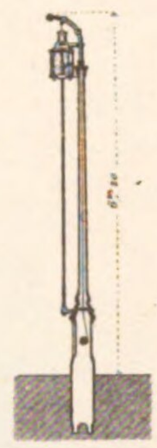


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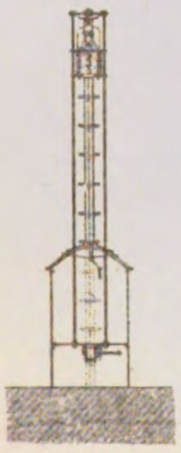


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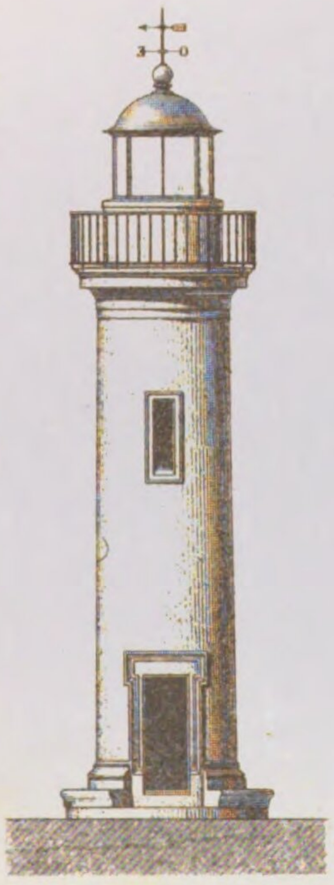


Fig. 1.



Fig. 4.

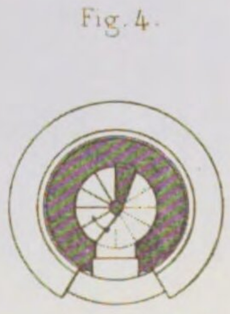


Fig. 3.

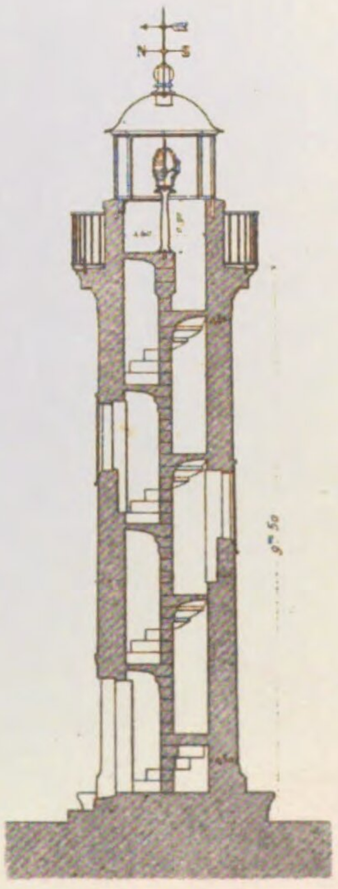


Fig. 2.

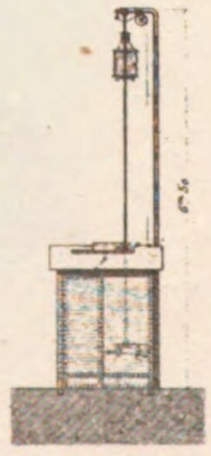


Fig. 13.

Echelle de 0 1 2 3 4 5 10 Mètres.

J. Sulpis sc.

FANAUX.

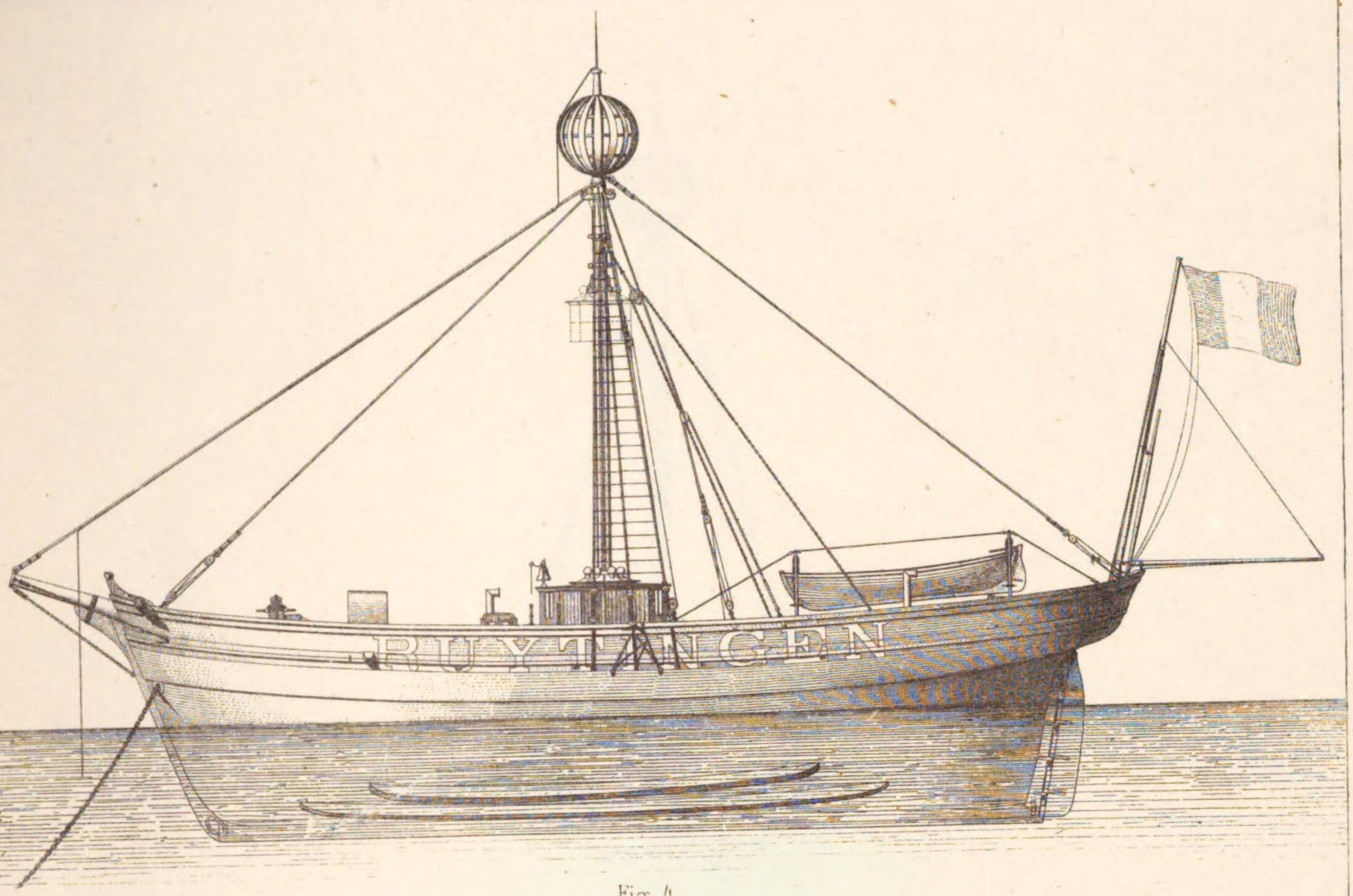


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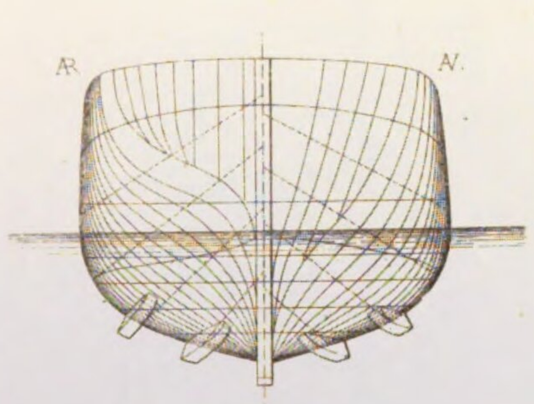


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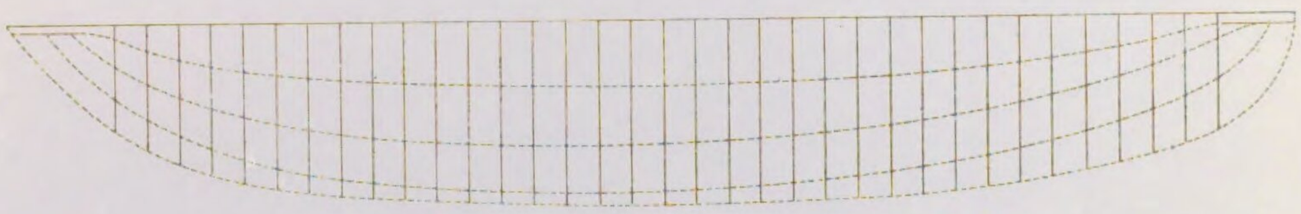


Fig. 2.

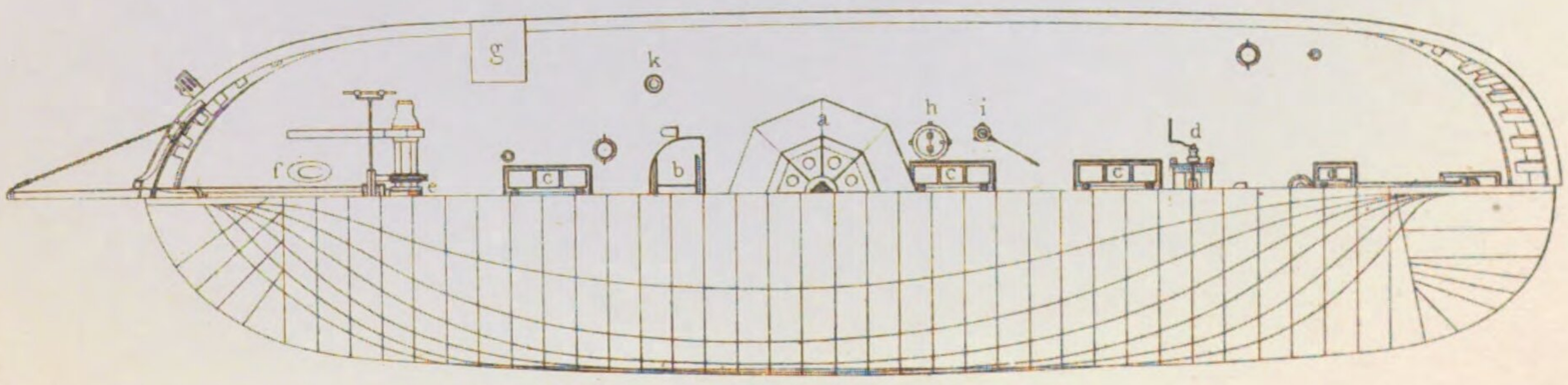


Fig. 1.

Echelle de 0 1 2 3 4 5 10 Mètres.

Haeuw del.

J. Sulpis sc.

FEU FLOTTANT DE RUYTINGEN.

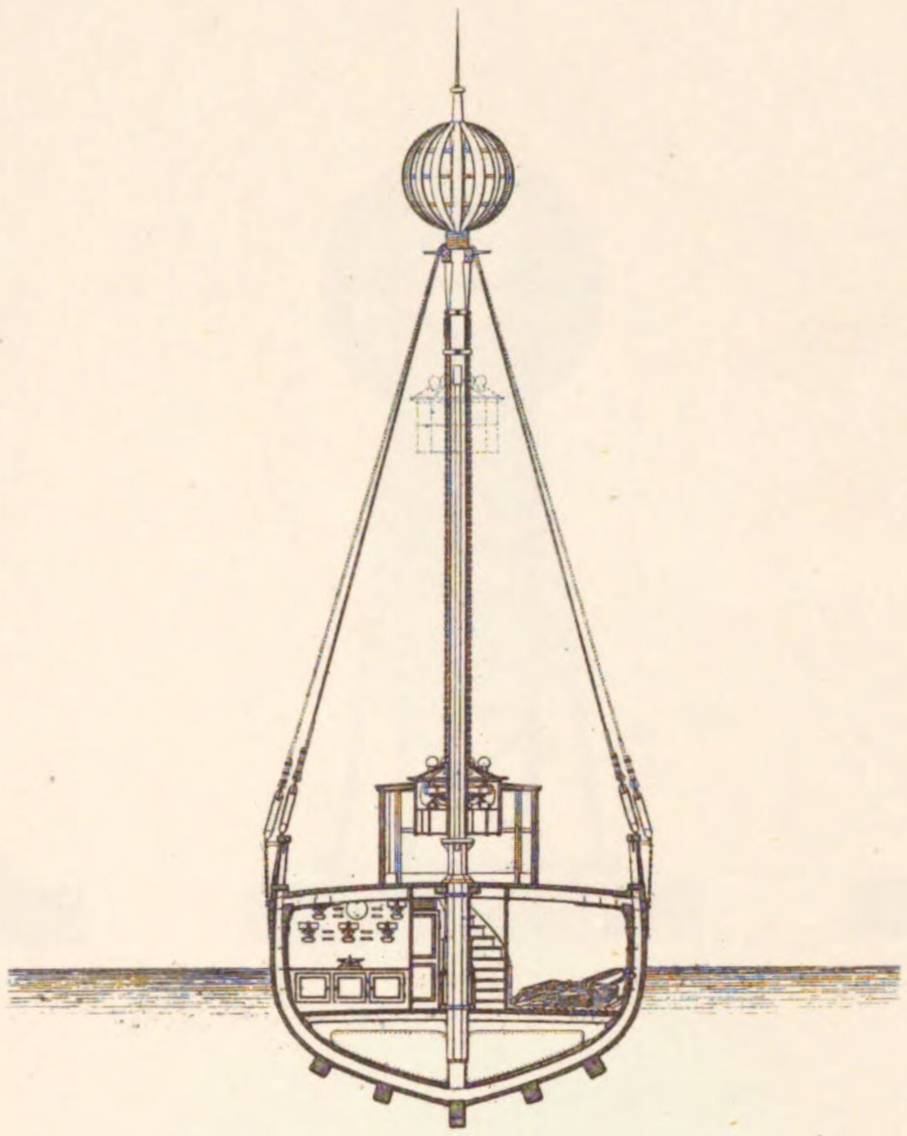


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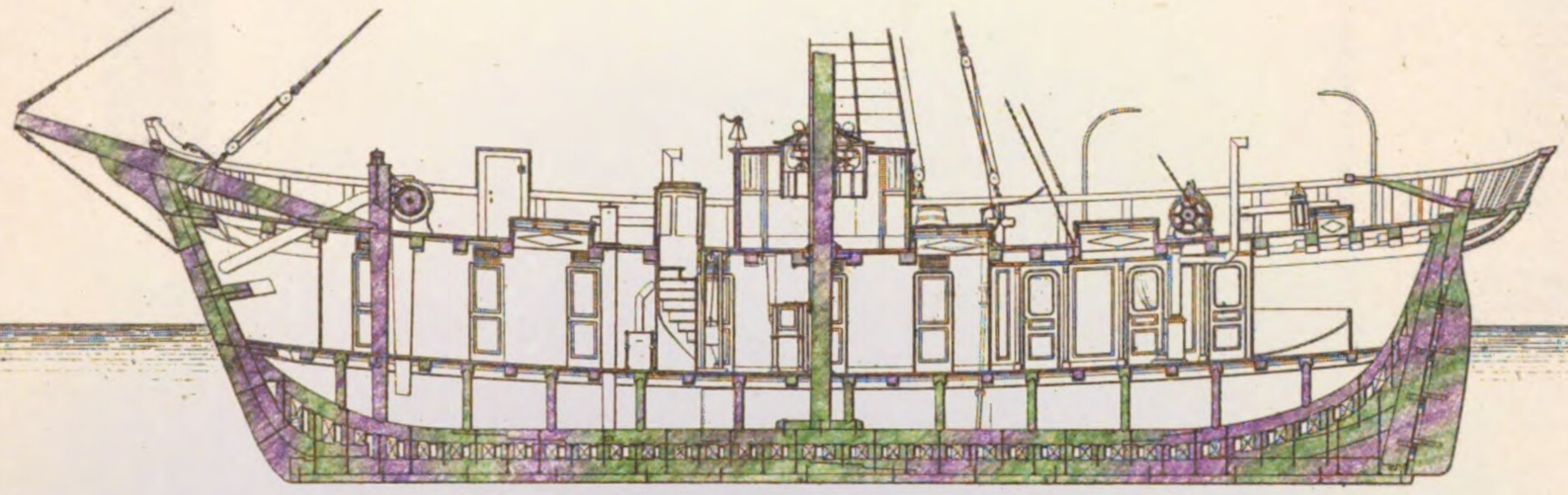


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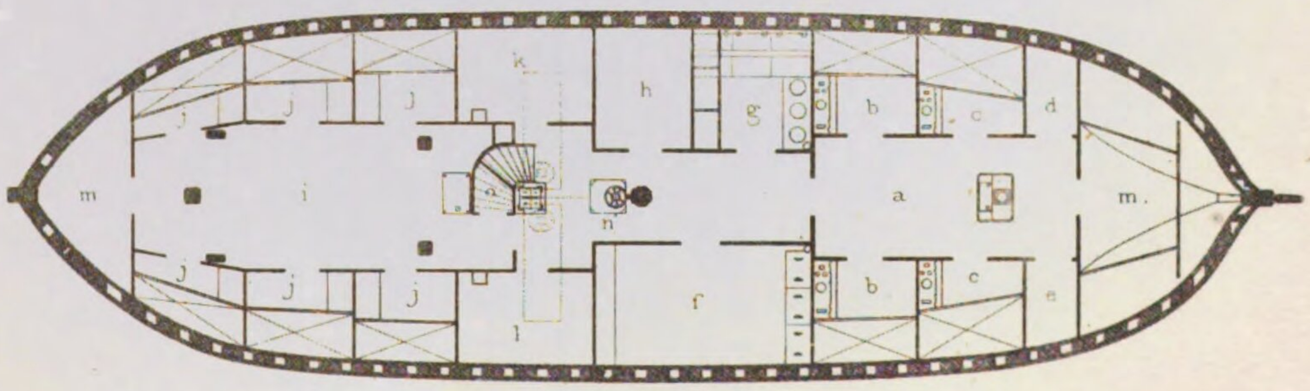


Fig. 1.

Echelle de 0 1 2 3 4 5 10 Mètres.

Vaeuw del. J. Sulpis sc.

FEU FLOTTANT DE RUYTINGEN.

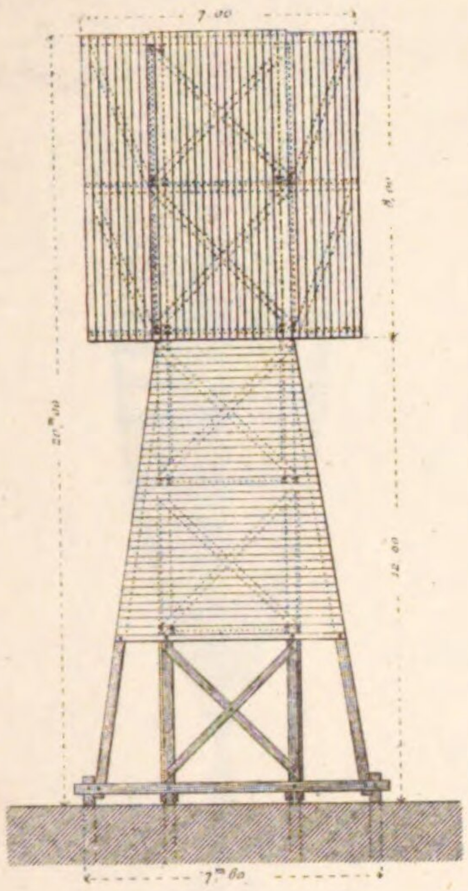


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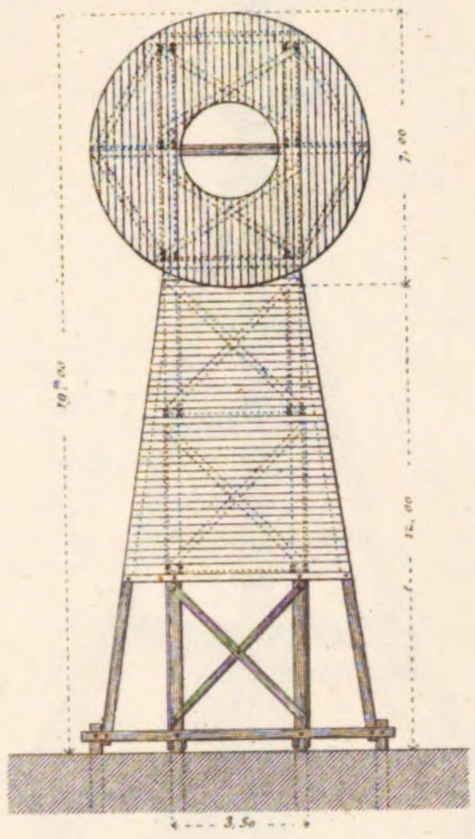


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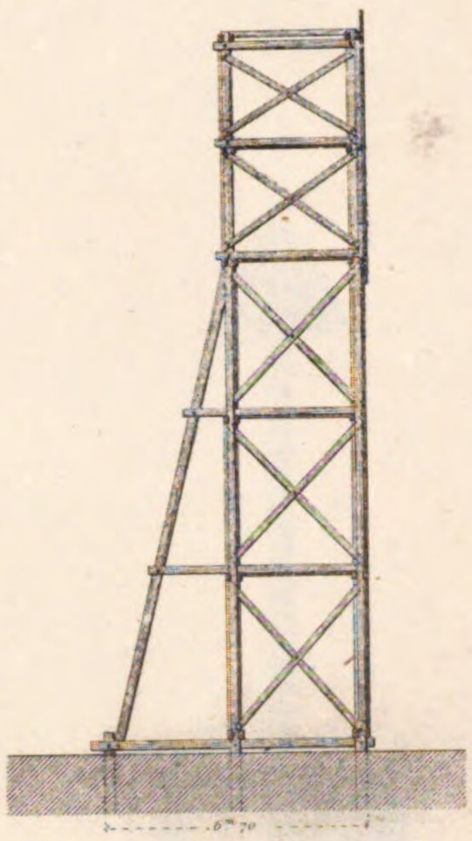


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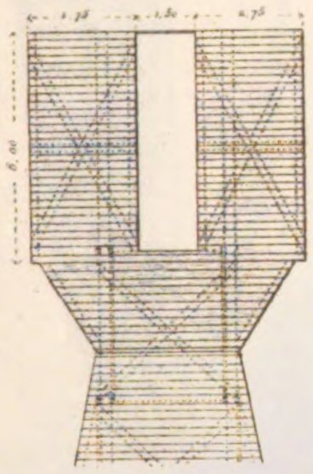


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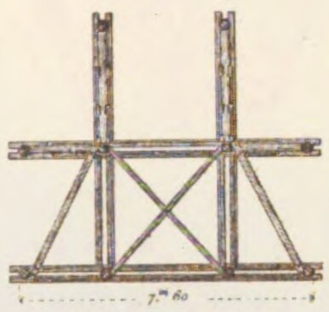


Fig. 1.

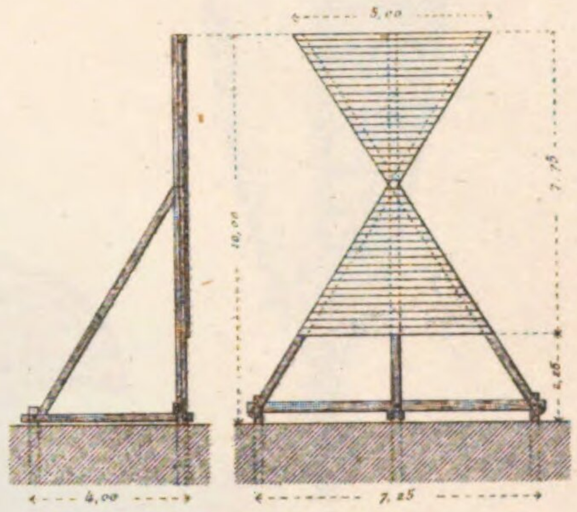


Fig. 7.

Fig. 6.

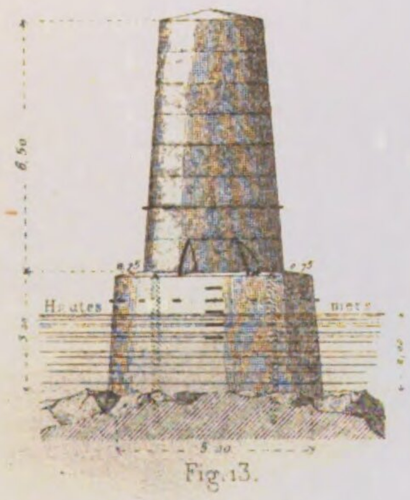


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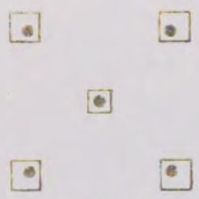


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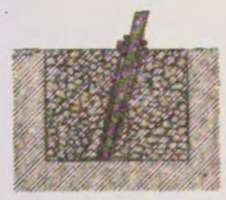


Fig. 10.

Fig 12.

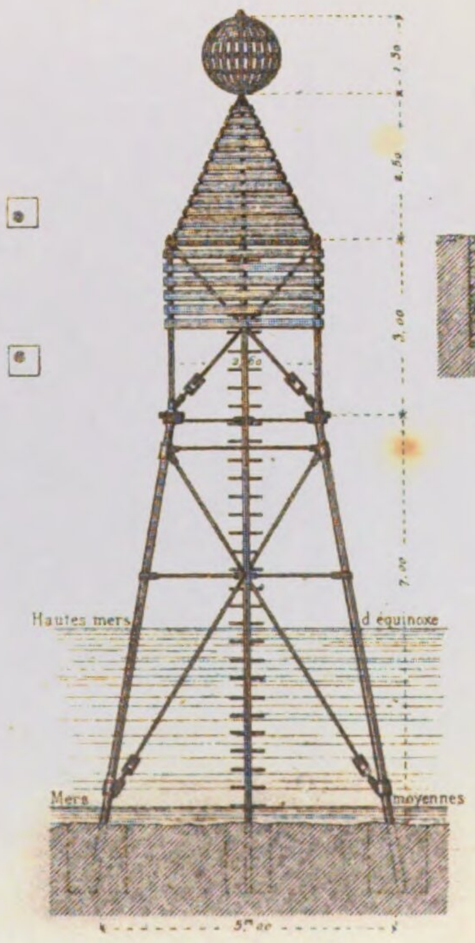


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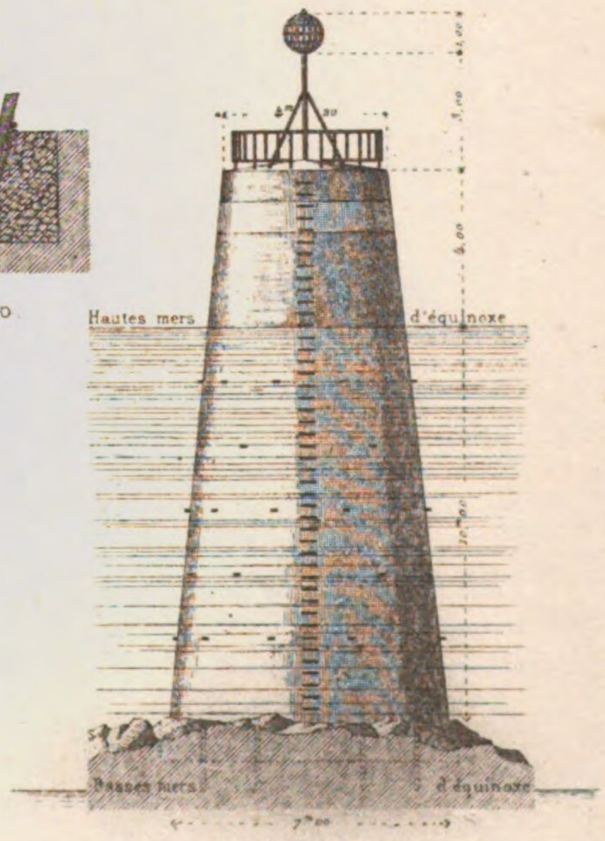


Fig 11.

Echelle des Fig { 1 à 7 et 11 à 13. 0 1 2 3 4 5 10 20 Mètres
9 0 1 2 3 4 5 10 15 Mètres.

Aug.te Denéchaux del.

E. Lebel sc.

AMERS ET BALISES.

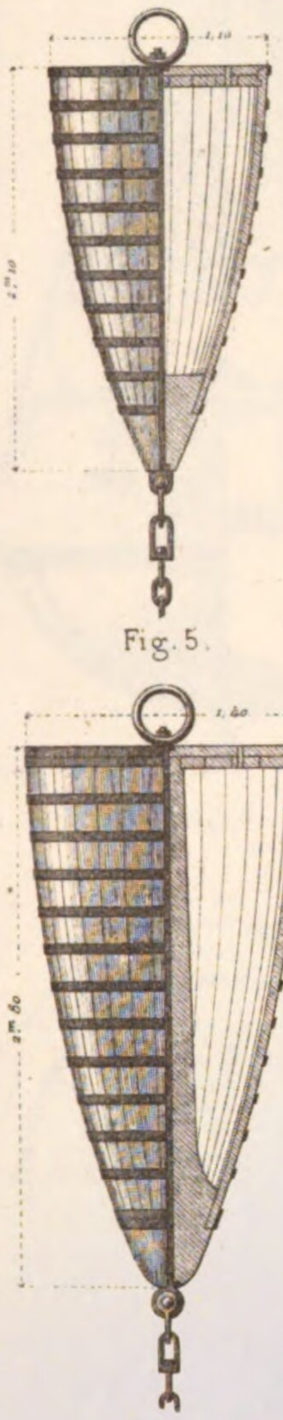


Fig. 5.

Fig. 3.

Fig. 6.

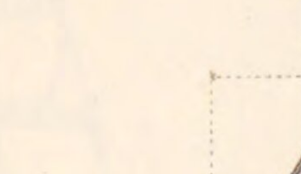


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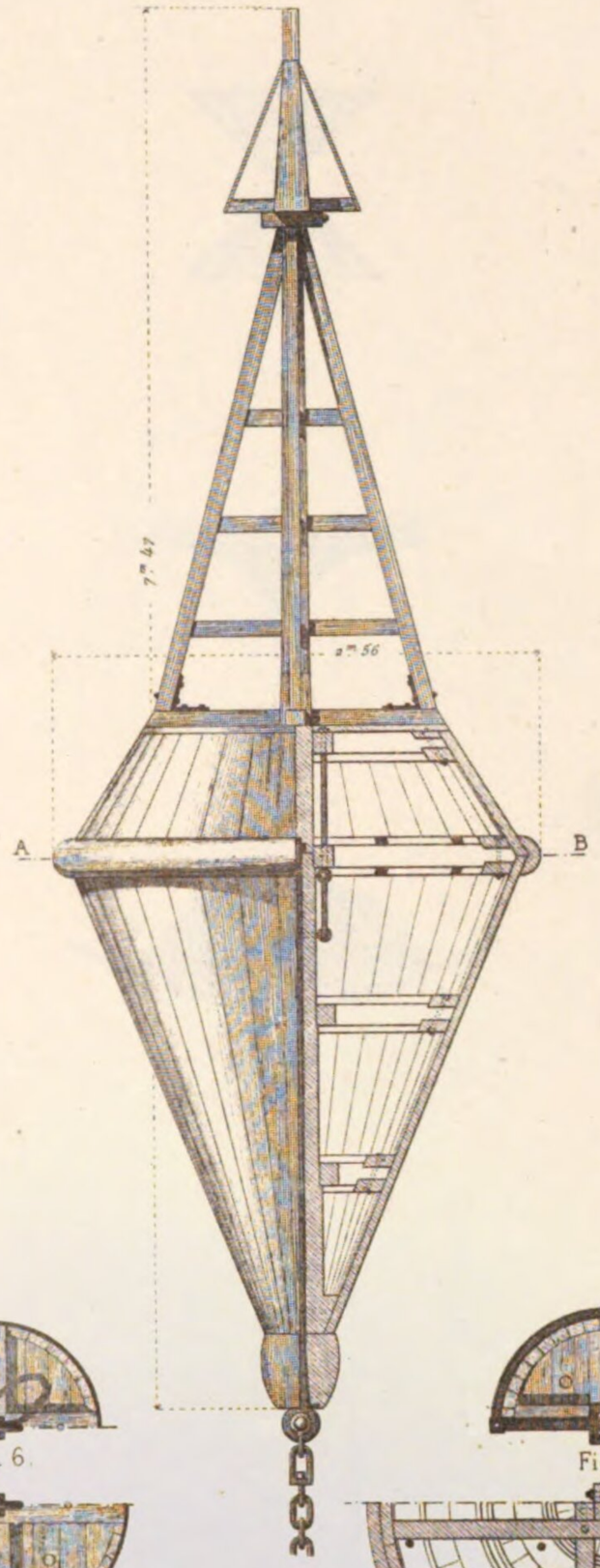


Fig. 1.

Fig. 8.

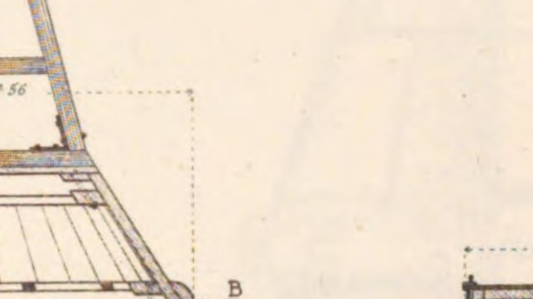


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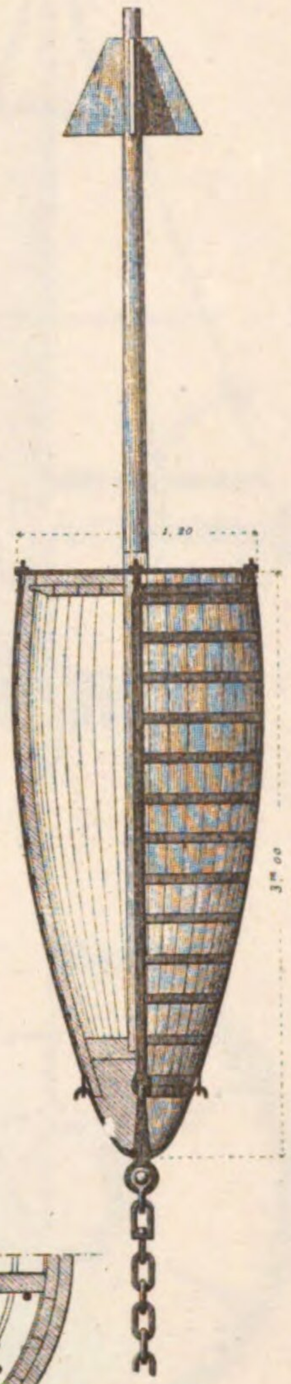


Fig. 7.



Fig. 13.



Fig. 10.

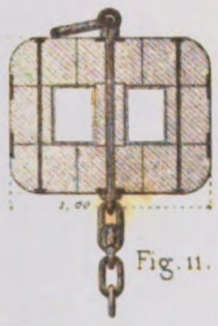


Fig. 11.



Fig. 15.

Fig. 12.

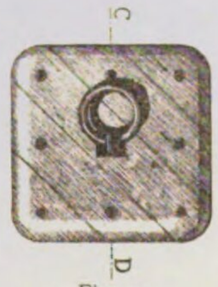


Fig. 9.

Fig. 14.

Echelle de 0 1 2 3 4 5 Mètres.

Aug^te Dénéchaux del E. Lebel sc.

BOUÉES EN BOIS.

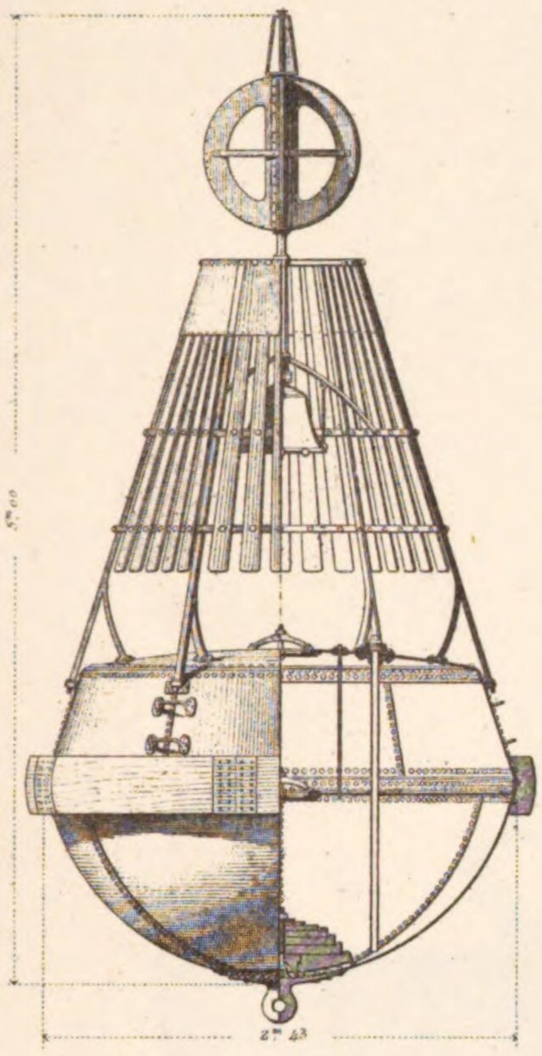


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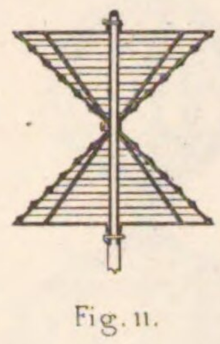


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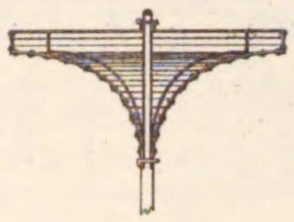


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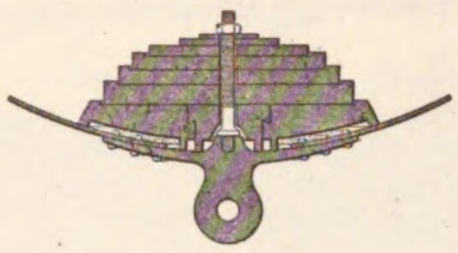


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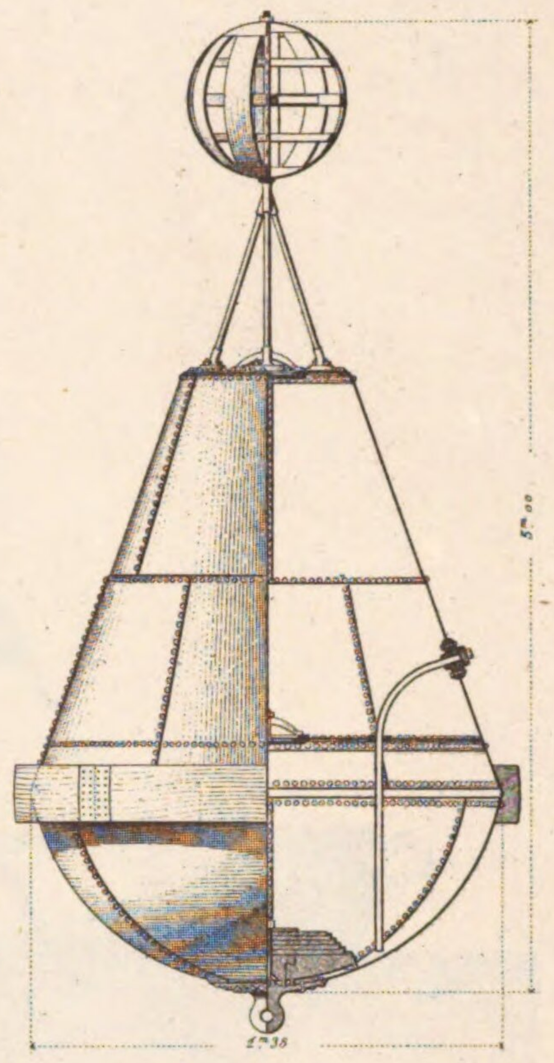


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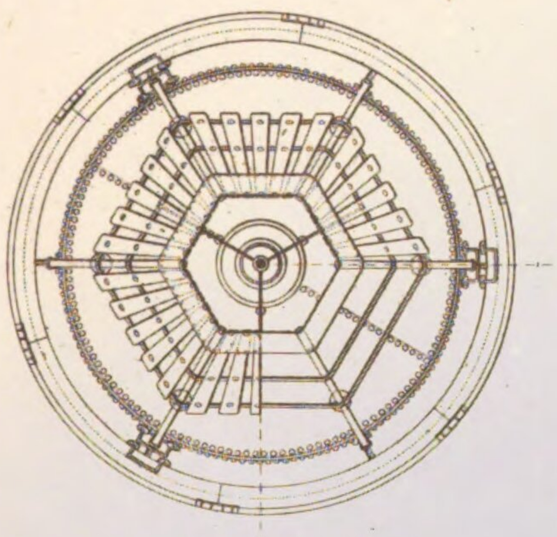


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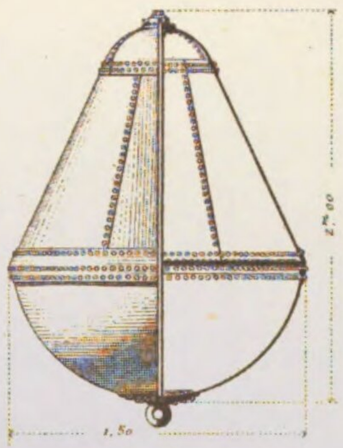


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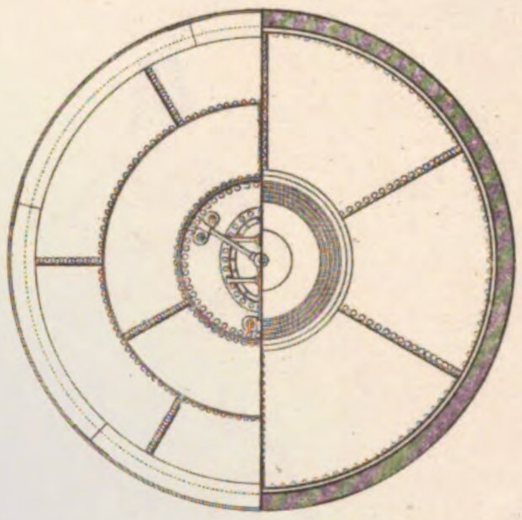


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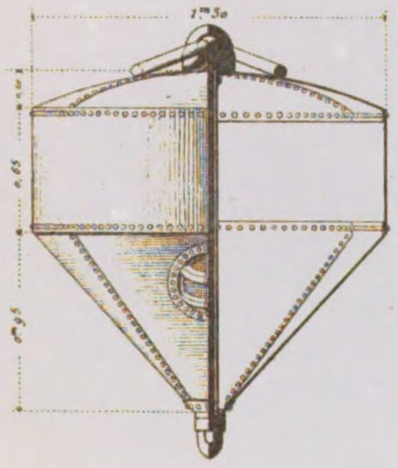


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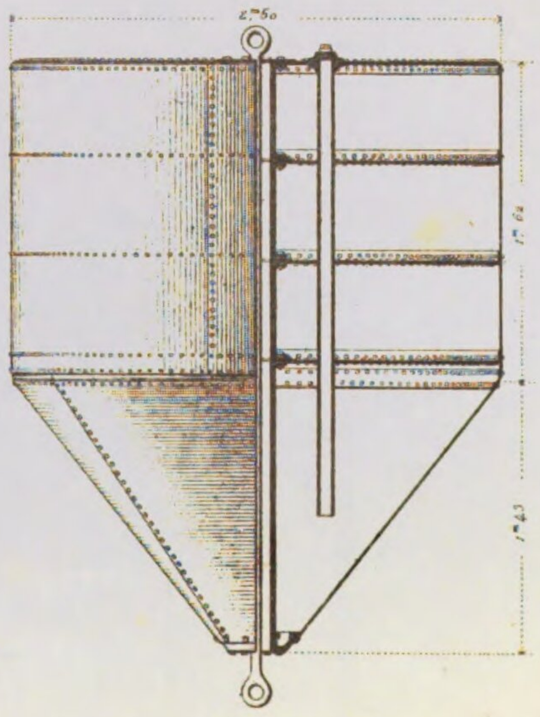


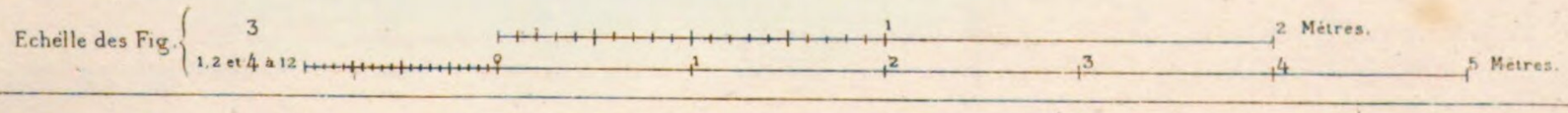
Fig. 9.



Fig. 10.



Fig. 8.



J. Sulpis sc.

BOUÉES EN TÔLE.

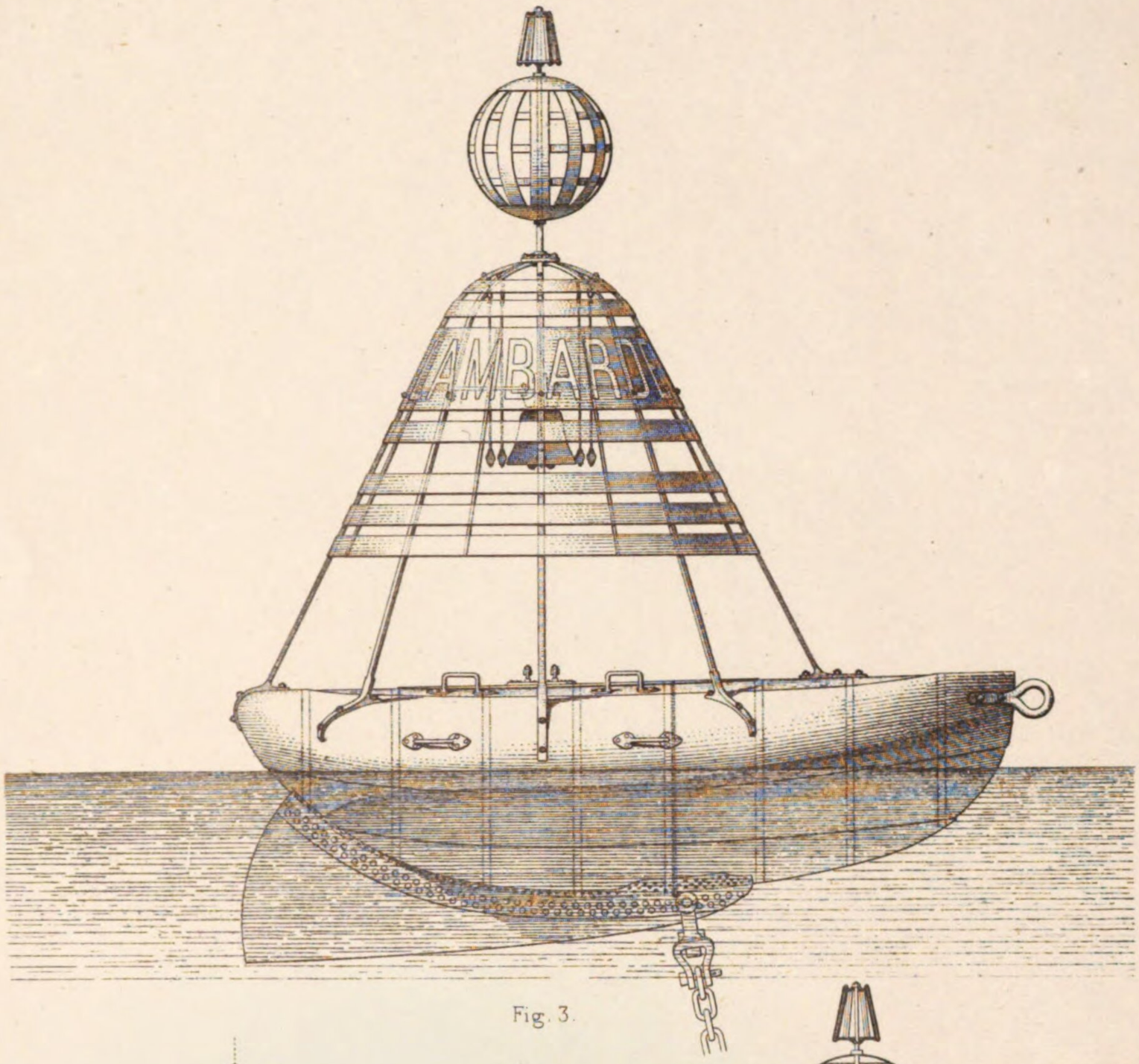


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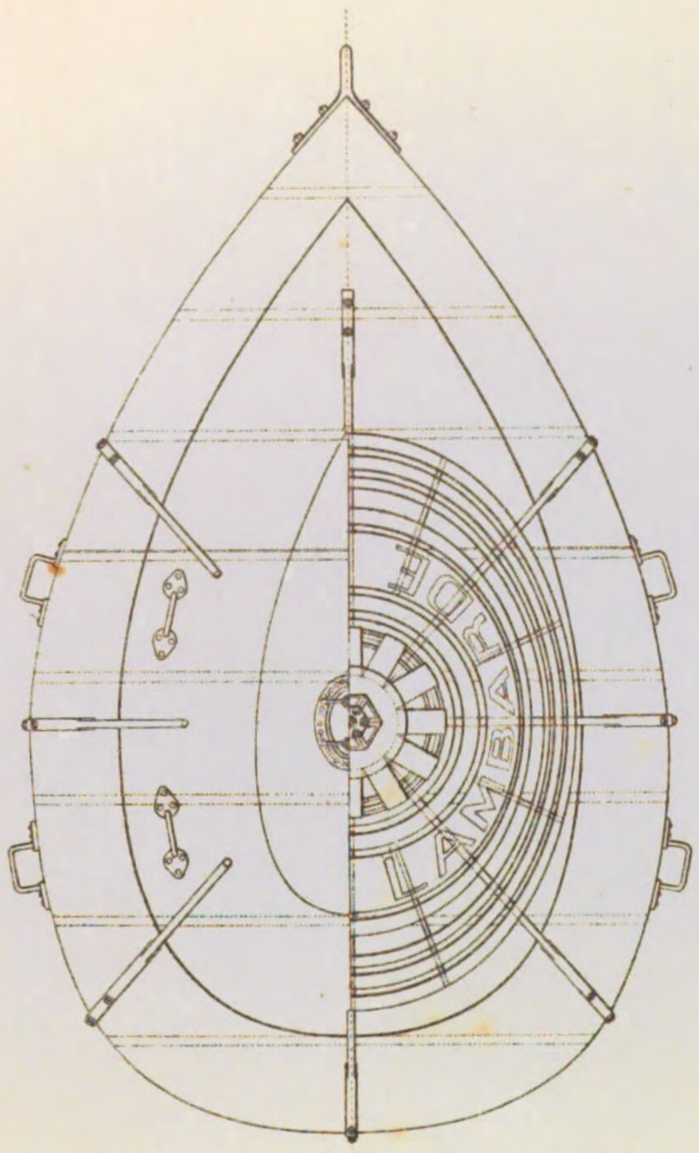


Fig. 1.

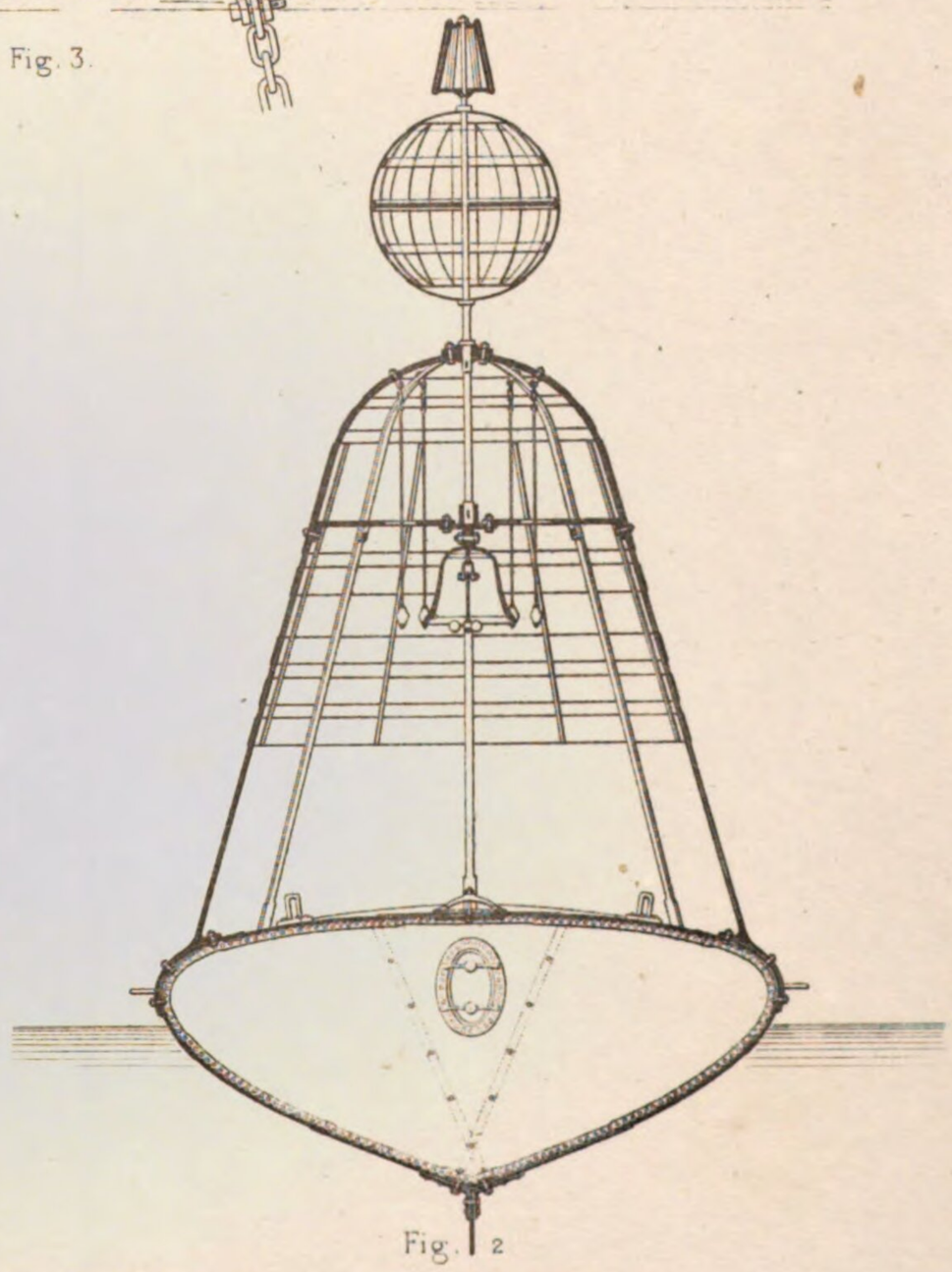
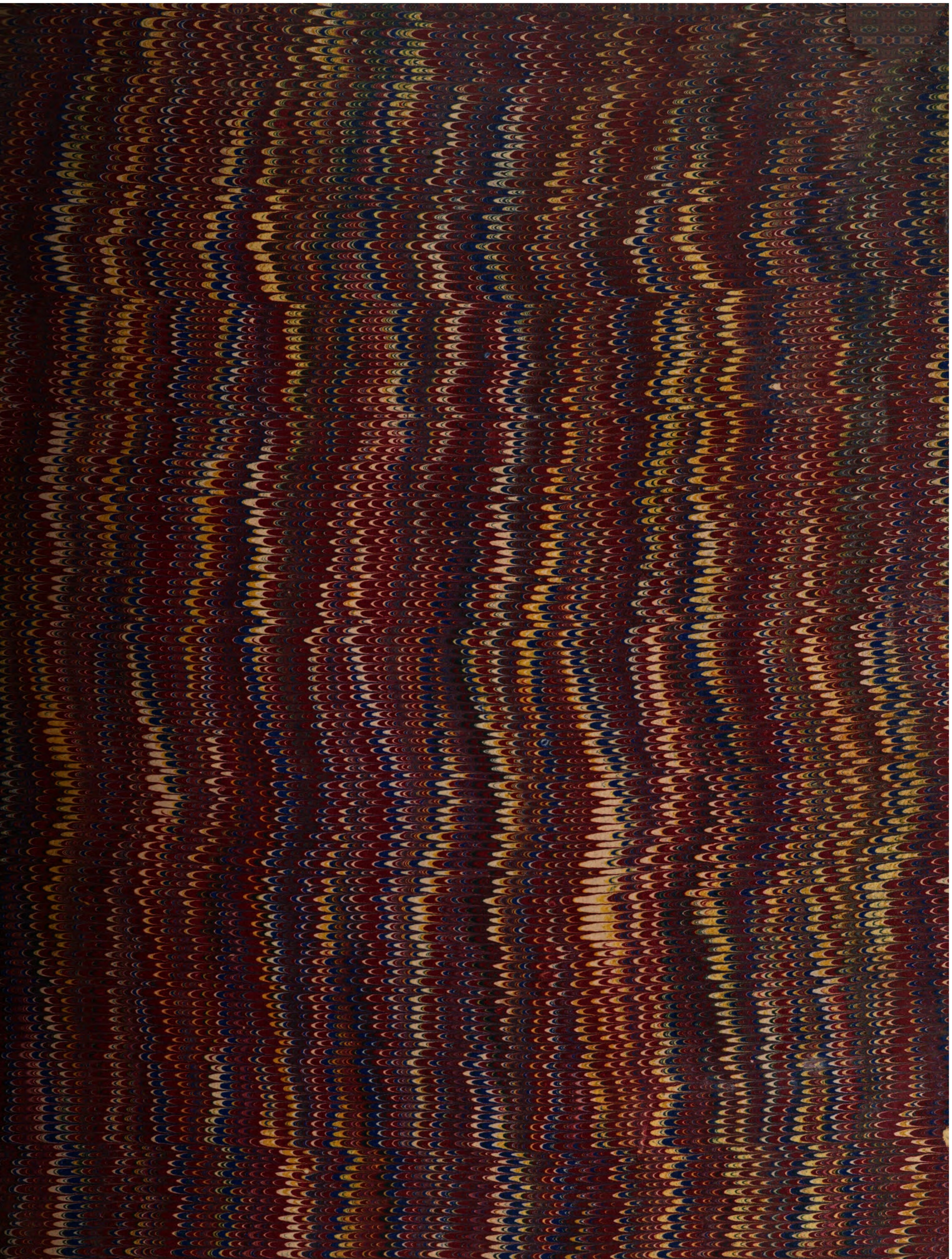


Fig. 2.

Echelle de 0 1 2 3 4 5 Mètres.

Jamouillet del. J. Sulpis sc

BOUÉES EN TÔLE



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MDZ Münchener DigitalisierungsZentrum Digitale Bibliothek

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